




562.2Ms

W92r

1854-66

A

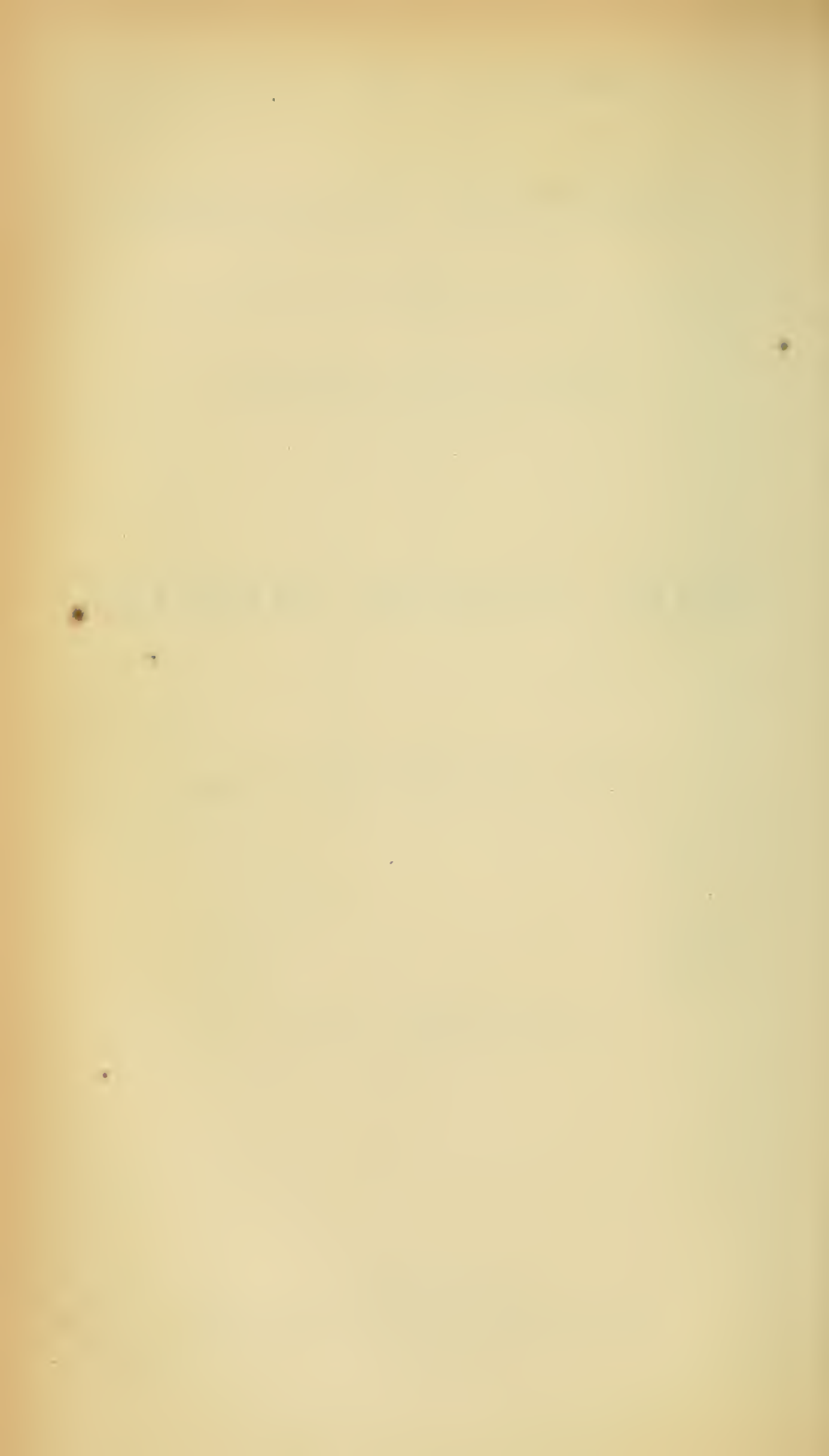


Digitized by the Internet Archive
in 2010 with funding from
University of Massachusetts Amherst

TWENTY-NINTH ANNUAL REPORT
OF
THE TRUSTEES
OF THE
STATE LUNATIC HOSPITAL
AT WORCESTER.

OCTOBER, 1861.

BOSTON:
WILLIAM WHITE, PRINTER TO THE STATE.
1861.



OFFICERS OF THE HOSPITAL.

TRUSTEES.

JOSEPH N. BATES, M. D.,	.	.	.	.	Worcester.
WILLIAM T. MERRIFIELD,	.	.	.	.	Worcester.
ROBERT W. HOOPER, M. D.,	.	.	.	.	Boston.
EDWIN F. JENKS,	.	.	.	.	Adams.
EDWARD JARVIS, M. D.,	.	.	.	.	Dorchester.

TREASURER.

HENRY WOODWARD,	.	.	.	.	Worcester.
<i>Office, Mechanics' Bank, Main Street.</i>					

RESIDENT OFFICERS.

MERRICK BEMIS, M. D.,	.	.	.	.	<i>Superintendent.</i>
FRANK H. RICE, M. D.,	.	.	.	.	<i>Assistant-Physician.</i>
HENRY C. PRENTISS, M. D.,	.	.	.	.	<i>Clerk and Apothecary.</i>
CAROLINE A. BEMIS,	.	.	.	.	<i>Matron.</i>



TWENTY-NINTH ANNUAL REPORT
OF THE
TRUSTEES OF THE STATE LUNATIC HOSPITAL,
AT WORCESTER.

To His Excellency the Governor, and the Honorable Council :

The Trustees of the Worcester Hospital for the Insane, in presenting their Annual Report, beg leave to say that the hospital is now in excellent condition, and the result of the treatment of patients under the care of our Superintendent compares favorably with that of any previous year.

The importance of sending patients in the early stages of disease will be seen by the favorable result in such cases ; and too much cannot be said to induce their friends to make early application for the treatment of those who suffer from mental disease.

Improvements have been made in this hospital during the last four or five years that add much to the comfort and welfare of patients—all unnecessary restraint is dispensed with, and facilities for exercise and amusement within doors furnished, besides useful and agreeable employment and recreation out of doors, in good weather.

There yet remain to be added workshops for those who wish employment in seasons and during weather when work in the open air cannot be had. This subject is now occupying the attention of those interested in the treatment of insanity. Amusement, alone, is not enough for our industrious people, to whom useful labor, not carried to excess, is necessary for pleasure and health.

The financial condition of the hospital will be seen by the report of the Treasurer. The amount due for the board of

patients is more than enough to pay the indebtedness, and it is expected that in another year a sufficient surplus will remain to carry on the affairs of the institution without borrowing in anticipation of payments due for board. Some more efficient measures must be introduced to enforce the payment of just dues without allowing them to accumulate till they become troublesome to the treasurer and embarrassing to the parties who are delinquent.

One of our Board has responded to his country's call for assistance in its hour of danger, and is now with the army on the Potomac, where his professional services are but too much needed. It is hoped that a speedy return of peace may restore him to his duties here.

JOSEPH N. BATES.
WM. T. MERRIFIELD.
R. W. HOOPER.
EDWIN F. JENKS.
EDWARD JARVIS.

TREASURER'S REPORT.

To the Trustees :

The Treasurer submits the following report.

Cash on hand October 1, 1860, . . .	\$294 83	
Received from Commonwealth, . . .	21,348 65	
“ “ Towns and Individuals, . . .	28,772 57	
“ “ other sources, . . .	591 28	
Bills payable,	13,000 00	
Due Mechanics' Bank,	27 21	
		<hr/> \$64,034 54

His expenditures have been as follows :

Steward's orders,	\$17,550 24	
Salaries,	2,736 71	
Mechanics' Bank,	13,297 18	
Cost of suit against city of Worcester, . . .	62 76	
Town of Beverly for error in account, . . .	50 59	
Stationery, collections, &c.,	116 33	
Cash,	220 73	
		<hr/> \$64,034 54

H. WOODWARD, *Treasurer.*

WORCESTER, October 1, 1861.

SUPERINTENDENT'S REPORT.

To the Trustees of the State Lunatic Hospital, at Worcester :

GENTLEMEN,—In compliance with the by-laws of the State Lunatic Hospital, and the statute laws of the Commonwealth, I respectfully present to you the following record of the history of the hospital during the year now closed.

In looking back over the labors of the year, we hope it may be found that our efforts have been crowned with some degree of success.

Whatever of good has been accomplished, must be mainly attributed to your constant oversight and wise direction in all the affairs of the hospital.

By your frequent visits and thorough examinations of all the departments of the institution, you have been able to give counsel and assistance, upon which the good results of the year have chiefly depended.

The general health of the patients has been good, with complete exemption from all epidemic diseases.

The hospital has accommodations for three hundred patients. The following tables will show that during the whole year we have been considerably crowded.

TABLE No. 1,
Showing the general results of the year.

	Males.	Females.	Total.
Patients in the Hospital October 1, 1860, . . .	155	177	332
“ admitted during the year, . . .	127	124	251
Whole number under treatment, . . .	282	301	583
Discharged recovered,	63	68	131
“ improved,	18	17	35
“ not improved,	3	5	8
Died,	14	16	30
Whole number discharged during the year, . .	98	106	204
“ “ remaining Sept. 30, 1861, . .	184	195	379

It will be seen by the foregoing table that one hundred and fifty-one patients have been discharged from the care and custody of the hospital as recovered. The cause of their commitment had ceased to exist, and they were returned to their homes and friends restored to mental and physical health.

Thirty-five have been discharged from the hospital improved. Several of these were so much improved that they are regarded by their friends as well, and they have returned to their former duties and stations in society.

Some of those who have been discharged are periodically insane, having long intervals of apparent health, during which they remain at their homes, and are able to perform all the ordinary duties of life.

This number, however, has been so small during the year, as not to materially affect the per cent. of recoveries.

The whole number admitted during the year was two hundred and fifty-one, of whom one hundred and twenty-seven were males, and one hundred and twenty-four were females.

The whole number under treatment during the year was five hundred and eighty-three, of whom two hundred and eighty-two were males, and three hundred and one were females.

The whole number discharged during the year was two hundred and four, of whom ninety-eight were males, and one hundred and six were females.

The whole number remaining in the hospital at the close of the year was three hundred and seventy-nine, of whom one hundred and eighty-four were males, and one hundred and ninety-five were females.

You will perceive by the foregoing statement that the recoveries were in the ratio of fifty-two and one-fifth per cent. to the whole number admitted, or twenty-two and one-half per cent. to the whole number under treatment, and more than one hundred per cent. to the number of those whose insanity had existed for a period less than one year.

There has been during the year the usual amount of sickness, confined almost entirely to the habitually feeble, demented, and long insane patients. In the winter and spring there were a few cases of influenza, and two or three cases of pneumonia. During the latter part of summer there were several cases of diarrhœa and dysentery, generally, however, of a mild type, and they all yielded readily to the usual remedies.

The mortality of the patients has been confined chiefly to cases of consumption, epilepsy, palsy, and old age.

TABLE No. 2,

Showing the Admissions and state of the Hospital, from October 1, 1860 to September 30, 1861.

Patients in the hospital October 1, 1860,	332
Males,	155
Females,	177
Patients admitted in the course of the year,	251
Males,	127
Females,	124
Patients remaining in the hospital September 30, 1861,	379
Males,	184
Females,	195
Of the admissions there were cases of less duration than one year,	121
Males,	58
Females,	63
Of the admissions there were cases of one year or more,	109
Males,	60
Females,	49

Of the admissions there were cases the duration of whose insanity before admission could not be ascertained,	21
Males,	9
Females,	12
Patients committed by Courts,	180
Males,	96
Females,	84
Patients committed by Overseers of the Poor,	22
Males,	9
Females,	13
Patients on bond,	49
Males,	22
Females,	27
Foreigners and those having no settlement in this State, admitted in course of the year,	112
Males,	58
Females,	54
Foreigners and those having no settlement in this State, discharged in course of the year,	88
Males,	40
Females,	48
Foreigners and those having no settlement in this State, remaining in the hospital September 30, 1861,	156
Males,	77
Females,	79

State Paupers remaining in the hospital at the close of each year, as nearly as can be ascertained.

1842,	34	1852,	241
1843,	38	1853,	216
1844,	38	1854,	151
1845,	57	1855,	115
1846,	52	1856,	155
1847,	121	1857,	119
1848,	150	1858,	121
1849,	167	1859,	124
1850,	181	1860,	130
1851,	208	1861,	156

The foregoing table shows that you have discharged from the care and custody of the hospital, in the course of the year,

eighty-eight patients, who had no settlement in this Commonwealth.

Of the three hundred and seventy-nine patients remaining in the hospital at the close of the year, one hundred and fifty-six are supposed to have no settlement in the Commonwealth, one hundred and twenty of whom are foreigners, and thirty-six are of American birth.

Very few of the patients have been removed to almshouses during the year, and but few have been discharged except to the care and custody of friends and relatives.

Occasionally some one has been assisted by the Alien Commissioners to reach their friends in other States, and places have been found for others where they could earn their own living.

Before removing any patient to another State, the wishes of the friends have always been consulted before any steps have been taken to procure a discharge from the hospital.

TABLE No. 3,

Showing the number Admitted, Restored, Improved, Died, &c., in each month during the year.

MONTHS.	ADMITTED.			REMOVED.					REMAINING.		
	Males.	Females.	Total.	Restored.	Improved.	Not improved.	Died.	Total.	Males.	Females.	Total.
October, . .	12	8	20	2	1	1	2	6	164	182	346
November, . .	13	11	24	7	4	2	6	19	166	185	351
December, . .	7	8	15	17	1	—	6	18	165	183	388
January, . .	9	8	17	6	1	—	—	7	172	186	358
February, . .	9	6	15	7	—	—	1	8	177	188	365
March, . . .	12	12	24	11	3	—	1	15	181	193	374
April, . . .	10	7	17	16	6	—	3	25	180	186	366
May, . . .	14	13	27	19	5	1	3	27	183	183	366
June, . . .	12	17	29	11	5	2	1	19	187	190	377
July, . . .	12	11	23	12	2	2	2	18	189	192	381
August, . .	8	15	23	16	3	—	3	22	189	197	386
September, .	9	8	17	13	5	—	2	20	184	195	379
Totals, . .	127	124	251	131	35	8	30	204			

TABLE No. 4,

Showing the Form of Disease in those Admitted and Discharged during the year.

FORM OF DISEASE.	ADMITTED.			DISCHARGED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania,	47	43	90	49	51	100
“ Chronic,	16	13	29	8	5	13
“ with Epilepsy,	5	4	9	3	3	6
“ with general Paralysis,	2	—	2	1	—	1
Melancholia,	19	27	46	15	19	34
Dementia,	13	21	34	14	15	29
“ Senile,	3	3	6	2	2	4
“ with Epilepsy,	11	4	15	3	3	6
“ with general Paralysis,	1	—	1	2	1	3
Monomania of Fear,	7	3	10	—	3	3
“ Pride,	—	—	—	—	2	2
“ Suspicion,	3	6	9	1	2	3
Totals,	127	124	251	98	106	204

Forty-seven males and forty-three females, when admitted, were suffering from recently developed mania, in its ordinary form.

Sixteen males and thirteen females had for a long period suffered all the symptoms of mania, and are in the table set down as cases of chronic mania.

Twenty-seven patients have been admitted who were suffering from epilepsy.

TABLE No. 5.

*Supposed Causes of Insanity of Patients admitted into the Hospital,
from January, 1833, to September 31, 1861.*

CAUSES.	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Apoplexy,	—	1	2	—
Asthma,	—	—	2	—
Bronchitis,	—	—	2	13
Chorea,	—	—	—	2
Constipation,	—	—	2	1
Convulsions,	—	—	8	6
Dysentery,	—	—	1	2
Dyspepsia,	1	—	6	6
Epilepsy,	13	4	95	39
Eruptive Diseases,	—	—	5	5
Eyes, Disease of,	—	—	1	—
“ Loss of,	—	—	1	—
Fever,	5	2	29	37
Ill Health,	28	39	191	563
Influenza,	—	—	1	5
Insolation,	—	—	14	—
Laryngitis,	—	—	—	1
Nervous Irritation,	—	2	—	4
Nymphomania,	—	—	—	1
Old Age,	3	3	12	5
Otitis,	—	—	3	—
Palsy,	2	—	40	25
Pneumonia,	—	—	—	1
Rheumatism,	—	—	3	1
Scrofula,	—	—	3	4
Sea-sickness,	—	—	—	1
Somnambulism,	—	—	—	1
Suppressed Eruption,	—	—	6	4
Suppressed Ulcer,	—	—	2	3
Tic Douloureux,	—	—	—	1
Tumor,	—	—	—	1
Whooping Cough,	—	—	—	1
Amenorrhœa,	—	1	—	19
Lactation, Excessive,	—	—	—	5
Menorrhagia,	—	2	—	5
Menorrhagia, Suppressed,	—	1	—	10
Miscarriage,	—	2	—	2
Pregnancy,	—	—	—	5
Puerperal,	—	5	—	143
Turn of Life,	—	5	—	39
Amputation of Leg,	—	—	1	—
Bathing in Cold Water,	—	—	2	2
Drinking Cold Water,	—	—	1	—
Exposure to Cold,	—	—	6	—
Injury by Falling, &c.,	—	—	9	3

TABLE No. 5—Concluded.

CAUSES.	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Injury of Head,	—	—	47	8
“ of Spine,	1	1	3	1
Lead, Poison of,	—	—	2	—
Lightning, Stroke of,	—	—	1	1
Labor, Excessive,	2	1	28	53
Loss of Sleep,	—	—	2	5
Study, Excessive,	—	—	25	6
Spiritualism,	2	—	11	14
Criminal Trial,	—	—	—	1
False Accusation,	—	—	—	1
Imprisonment,	8	1	9	1
Death of Relatives,	—	7	20	54
Domestic Trouble,	1	7	127	312
Marriage, Unhappy,	—	—	4	2
Disappointment in Love,	—	2	55	61
Disappointed Ambition,	—	—	6	6
Home Sickness,	4	2	3	8
Fright,	1	1	15	18
Seduction,	—	—	—	2
Political Excitement,	3	—	13	—
Religious Excitement,	3	3	133	169
Pecuniary Trouble,	3	—	120	23
Poverty,	—	—	—	1
“ Fear of,	—	—	33	12
Giving up Business,	—	—	3	—
Change of Business,	2	—	5	—
Violent Temper,	—	—	3	18
Jealousy,	—	—	19	27
Intemperance,	30	9	156	59
Opium, Use of,	—	—	2	5
Tobacco, Use of,	—	—	1	3
Masturbation,	8	5	248	32
Venery, Excess of,	—	—	1	—
Of the above there were:				
Hereditary Cases,	19	23	—	—
Periodical “	9	19	—	—
Homicidal “	11	5	—	—
Suicidal “	15	17	—	—

Little can be said in an annual report respecting the causes of insanity. They may be remote and only slightly predisposing the individual to the influence of the disease, or they may be immediate and exciting to a greater degree.

Among the remote causes are constitutional predisposition, hereditary or otherwise. The influence of education, moral

and physical, the peculiarities of organization and previous attacks of disease seriously affecting the action of the brain.

Among the immediate and exciting causes, are domestic affliction, reverses of fortune, disappointments, jealousy, and unrestrained anger. The exciting causes may also be physical, as irregular menstruation, consequence of parturition, apoplexy, blows on the head, and abuse of strong drink.

In making up the foregoing table, all the causes mentioned are found in the records of the hospital, comprising a list of the names of more than six thousand patients, and embracing a period of more than twenty-eight years.

TABLE No. 6.

Diseases which have proved Fatal from Jan. 18, 1833, to Sept. 30, 1861.

DISEASES.	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Apoplexy,	—	—	15	9
Asthma,	—	—	4	1
Anæmia,	—	—	1	1
Asphyxia,	—	—	1	—
Bronchitis,	—	—	2	—
Brain Fever,	—	—	1	—
Consumption,	2	5	35	55
Convulsions,	—	—	3	1
Cholera Morbus,	—	—	2	3
Cholera,	—	—	5	—
Cancer,	—	—	1	1
Congestion of Lungs,	—	—	—	1
“ of Brain,	—	—	1	1
Chronic Dysentery,	—	—	2	—
Chronic Meningitis,	—	—	3	—
Dysentery,	—	—	10	6
Dropsy,	—	—	5	7
Delirium Tremens,	—	—	3	—
Disease of Heart,	—	—	9	11
“ of Bladder,	—	—	1	—
“ of Brain,	—	—	6	14
Diarrhœa,	—	—	13	8
Enteritis,	—	—	3	6
Epilepsy,	4	3	53	20
Exhaustion,	1	1	31	46
Erysipelas,	—	—	9	10
Gangrene of Lungs,	—	—	1	2
Hydrothorax,	—	—	1	1
Hemorrhage,	—	—	4	4
Hemoptysis,	—	—	1	—

TABLE No. 6—Concluded.

DISEASES.	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Inflammation of Bowels, . . .	—	—	3	3
Jaundice,	—	—	—	2
Marasmus,	1	2	48	51
Mortification,	—	—	—	1
Maniacal Exhaustion, . . .	—	2	5	4
Malignant Fever,	—	—	1	—
Old Age,	2	2	17	11
Palsy,	4	1	18	15
Pneumonia,	—	—	15	9
Pleurisy,	—	—	—	1
Rupture,	—	—	1	—
Syncope,	—	—	1	—
Suicide,	—	—	15	8
Smallpox,	—	—	1	—
Suppurative Phlebitis, . . .	—	—	—	1
Typhoid Fever,	—	—	8	6
Typho Mania,	—	—	7	5

Four patients died during the year of old age—two males and two females—all of whom were upwards of eighty years of age.

Two were between the ages of seventy and eighty years, and two between sixty and seventy years of age.

One of those who died during the year had been an inmate of the hospital eighteen years ; two had resided in the hospital more than eight years, and three more than seven years each.

Four of those who died during the year were brought to the hospital in such a feeble state of health that they could not sit up at all, and did not recruit in the least, although they lingered along several weeks.

TABLE No. 7,

Showing the Ages of Patients Admitted, Discharged, Recovered, not Recovered and Died during the year.

A G E S.	ADMITTED.		DISCHARGED RE- COVERED.		DISCHARGED NOT RECOVERED.		DIED.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Less than 15,	2	—	—	—	—	—	—	—
From 15 to 20,	5	4	1	1	—	—	—	—
20 to 30,	32	27	14	19	2	4	2	3
30 to 40,	38	28	25	19	8	6	4	4
40 to 50,	29	42	16	18	5	9	3	4
50 to 60,	5	10	5	7	2	3	2	1
60 to 70,	11	9	2	3	3	—	—	1
70 to 80,	5	4	—	1	1	—	3	2
80 to 90,	—	—	—	—	—	—	—	1
Totals, . .	127	124	63	68	21	22	14	16

TABLE No. 8,

Showing the Duration of Insanity before Admission, of Patients admitted from January 18, 1833, to September 30, 1861.

DURATION OF INSANITY.	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Insane less than 1 year,	58	63	1,529	1,776
Insane more than 1 y'r and less than 2 y'rs,	25	14	357	353
2 y'rs and less than 5 y'rs,	20	18	455	394
5 y'rs and less than 10 y'rs,	10	11	229	182
10 y'rs and less than 15 y'rs,	2	3	122	136
15 y'rs and less than 20 y'rs,	3	2	39	38
20 y'rs and less than 25 y'rs,	—	1	38	42
25 y'rs and less than 30 y'rs,	—	—	17	9
30 y'rs and more,	—	—	24	24
Unascertained,	9	12	228	241
Totals,	127	124	3,038	3,153

TABLE No. 9,

Showing the Ages of Patients admitted to the Hospital from January 18, 1833, to September 30, 1861.

A G E S.	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Less than 15 years of age, . .	—	—	26	28
Between 15 and 20 years of age, .	5	4	121	206
20 and 30 “ “ .	32	27	900	877
30 and 40 “ “ .	38	28	779	869
40 and 50 “ “ .	29	42	495	543
50 and 60 “ “ .	5	10	344	386
60 and 70 “ “ .	11	9	198	156
70 and 80 “ “ .	5	4	56	55
More than 80 years of age, . .	—	—	11	18
Unascertained,	—	—	8	17
Totals,	127	124	3,038	3,153

TABLE No. 10,

Showing the Civil Condition of Patients admitted to the Hospital from January 18, 1833, to September 30, 1861.

C I V I L C O N D I T I O N .	1861.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Unmarried,	65	46	1,525	1,427
Married,	58	59	1,318	1,306
Widowers,	3	—	150	—
Widows,	—	17	—	380
Unascertained,	1	2	44	39
Totals,	127	124	3,038	3,153

TABLE No. 11,

Showing the Admissions from each County from January 18, 1833, to September 30, 1861.

COUNTIES.	1861.			Previously.	Whole No.
	Males.	Females.	Total.		
Barnstable,	—	—	—	126	126
Berkshire,	—	—	—	187	187
Bristol,	—	—	—	290	290
Dukes,	—	—	—	19	19
Essex,	23	18	41	852	893
Franklin,	—	1	1	125	126
Hampden,	—	—	—	352	352
Hampshire,	—	1	1	220	221
Middlesex,	27	36	63	889	952
Nantucket,	—	—	—	31	31
Norfolk,	5	1	6	587	593
Plymouth,	—	—	—	233	233
Suffolk,	12	8	20	656	676
Worcester,	60	59	119	1,607	1,726
Other States,	—	—	—	17	17
Totals,	127	124	251	6,191	6,442

TABLE No. 12,

Showing the Occupation of Patients admitted to the Hospital from January 18, 1833, to September 30, 1861.

OCCUPATION.	1861.	Previously.
MALES.		
Auctioneers,	—	3
Armors,	—	3
Authors,	1	1
Blacksmiths,	3	34
Bakers,	—	6
Butchers,	1	6
Bookbinders,	—	7
Boot-makers,	—	19
Brokers,	—	3
Book-keepers,	—	8
Brittania-workers,	—	2
Brickmakers,	—	5
Bellows-makers,	—	2
Brewers,	—	2

TABLE No. 12—Continued.

OCCUPATION.	1861.	Previously.
Basket-makers,	—	—
Bricklayers,	—	5
Butlers,	—	2
Barbers,	2	5
Clergymen,	—	19
Carpenters,	5	120
Coppersmiths,	—	6
Coopers,	—	16
Cabinet-makers,	—	12
Calico-printers,	—	3
Clothiers,	—	17
Comb-makers,	—	4
Coach-makers,	—	8
Card-makers,	—	2
Chair-makers,	—	4
Cigar-makers,	—	3
Coachmen,	—	16
Clerks,	5	33
Carpet-weaver,	—	1
Curriers,	1	7
Cashiers of Banks,	—	4
Cordwainers,	—	6
Collectors,	—	2
Caulkers,	—	4
Chandlers,	—	5
Camphene distiller,	—	1
Conductors on Railroads,	—	3
Dyers,	—	4
Druggists,	—	3
Draymen,	—	3
Drover,	—	1
Dancing master,	—	1
Daguerreotypists,	1	2
Engravers,	1	3
Editors,	—	4
Express-men,	—	4
Farmers,	29	476
Fishermen,	4	16
Fruiterers,	—	4
Gunsmiths,	—	3
Gardeners,	—	10
Grocers,	—	3
Glass-blowers,	—	3
Guilders,	—	2
Hotel-keepers,	—	16
Hatters,	—	3
Hostlers,	—	11
Housewrights,	—	7
Harness-makers,	—	7
Ironmongers,	—	3
Jewellers,	—	12

TABLE No. 12—Continued.

OCCUPATION.	1861.	Previously.
Lawyers,	1	12
Laborers,	31	379
Last-maker,	—	1
Manufacturers,	1	34
Millers,	—	16
Merchants,	3	114
Masons,	—	17
Miners,	—	5
Mat-makers,	—	3
Miniature painter,	—	1
Musicians,	—	7
Machinists,	4	35
Messengers,	—	2
Moulders,	2	6
Millwright,	—	1
Nailer,	—	1
Newsmen,	—	3
Optician,	—	1
Operatives in Mills,	8	58
Oystermen,	—	4
Painters,	3	31
Printers,	—	29
Physicians,	1	11
Paper-makers,	—	4
Peddlers,	1	18
Pilot,	—	1
Potters,	—	3
Porters,	—	9
Pump and Block-makers,	—	3
Pattern-makers,	—	5
Plumbers,	1	7
Police officers,	—	4
Rope-makers,	—	9
Riggers,	—	3
Restaurators,	—	7
Shoemakers,	2	227
Sail-makers,	—	9
Soap-makers,	—	4
Sash and blind-makers,	—	2
Stage drivers,	—	5
Sea captains,	1	15
Sailors,	—	104
Saddlers,	—	9
Silversmiths,	—	19
Students,	4	49
Stock-maker,	—	1
Silk-weavers,	—	2
Ship carpenters,	1	17
Ship brokers,	—	2
Shopkeepers,	3	7
Stone-cutters,	—	14

TABLE No. 12—Concluded.

OCCUPATION.	1861.	Previously.
Soldiers,	2	7
Spinners,	—	13
Sheriffs,	—	3
Shoe dealers,	—	5
Stable-keepers,	—	2
Shoe-binders,	—	7
Tailors,	1	16
Teachers,	—	52
Tobacconists,	—	3
Teamsters,	2	12
Tinners,	—	2
Umbrella-makers,	—	4
Victuallers,	—	3
Wheelwrights,	—	14
Watchmakers,	1	4
Wood-turners,	—	3
Watchman,	—	1
Whip-maker,	—	1
Weavers,	—	20
No occupation,	10	—
FEMALES.		
Carpet-weavers,	—	2
Cooks,	1	62
Chamber maids,	1	41
Dress-makers,	1	60
Engraver,	—	1
Housekeepers,	77	1,042
House maids,	24	146
Laundresses,	1	55
Milliners,	1	30
Mantaumakers,	—	6
Midwife,	—	1
Nurses,	—	15
Nurserymaids,	—	21
Operatives in mills,	4	144
Seamstresses,	2	330
Straw-sewers,	—	10
Shoe-binders,	—	19
Students,	—	4
School girls,	4	47
Teachers,	3	61
Tailoresses,	1	38
Type-setters,	—	2
Wool stapler,	—	1
Weavers,	—	20
No occupation,	4	—

TABLE No. 13,

Showing the Whole Number of Patients during the last year, the Average Number, the number at the end of each year, the Expense of each year, and the Annual Expense for each Patient for each of the twenty-nine years the Hospital has been in operation.

Year.	Whole No.	Average No.	No. at end of each year.	Current expenses of each year.	Annual expense for each patient.
1833, .	153	107	114	\$12,272 91	\$114 67
1834, .	233	117	118	15,840 97	135 38
1835, .	241	120	119	16,576 44	137 30
1836, .	245	127	138	21,395 28	168 44
1837, .	306	163	185	26,027 07	159 64
1838, .	362	211	218	28,739 40	136 20
1839, .	397	223	229	29,474 41	132 16
1840, .	391	229	236	27,844 98	121 59
1841, .	399	233	232	28,847 62	123 81
1842, .	430	238	238	29,546 87	111 12
1843, .	458	244	255	27,914 12	114 40
1844, .	491	261	263	29,278 75	112 17
1845, .	656	316	360	43,888 65	138 88
1846, .	637	359	367	39,870 37	111 06
1847, .	607	377	394	39,444 47	104 62
1848, .	655	404	409	42,860 05	106 09
1849, .	682	420	429	40,870 86	97 31
1850, .	670	440	441	46,776 13	106 40
1851, .	704	462	466	52,485 33	112 61
1852, .	775	515	532	43,878 35	85 20
1853, .	820	537	520	53,606 66	103 14
1854, .	819	430	381	53,221 52	123 77
1855, .	580	349	336	54,895 88	157 29
1856, .	577	357	376	45,631 37	128 64
1857, .	647	387	372	49,004 75	124 04
1858, .	679	372	301	38,267 26	102 86
1859, .	501	309	317	48,363 33	156 51
1860, .	532	324	331	47,757 01	147 39
1861, .	583	369	379	54,748 53	148 37

TABLE No. 14,
Showing the Statistics of the Hospital from January 18, 1833, to September 30, 1861.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.
Whole number admitted,	153	199	113	125	168	177	179	162	163	198	220	336	293	277	240	261	273	241	263	309	288	299	199	241	271	307	200	215	251
Whole number discharged,	39	115	112	106	121	144	108	155	167	191	203	228	196	270	213	246	253	229	238	249	300	438	244	207	275	376	184	201	251
Discharged recovered,	25	64	52	58	69	76	80	82	82	88	116	124	122	154	103	136	138	125	111	103	145	122	109	97	150	127	89	129	181
Discharged improved,	7	22	23	17	23	24	29	27	33	25	32	40	25	31	23	32	26	15	38	34	36	53	26	46	75	174	52	35	35
Discharged not improved,	2	20	28	22	20	28	27	29	37	66	33	49	25	47	57	48	52	32	50	61	78	229	79	23	6	41	13	15	8
Died,	4	8	8	8	9	16	22	15	12	12	22	15	24	38	30	30	37	57	39	45	41	34	29	35	44	34	30	22	30
Eloped,	1	1	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	8	-	8	-	-	-	2
Whole number in hospital, course of the year,	153	233	241	245	306	362	397	391	399	430	458	491	556	637	607	655	682	670	704	775	820	819	580	577	647	679	501	532	583
No. remaining at end of each year,	114	118	109	138	185	218	229	236	332	238	255	263	360	367	394	409	429	441	466	532	520	381	336	376	372	301	317	331	379
Males admitted,	96	6	57	66	94	96	80	75	73	107	111	109	104	138	105	128	134	129	125	148	186	125	86	112	126	142	106	105	127
Females admitted,	57	51	62	59	74	81	99	87	90	91	109	127	129	139	135	133	139	112	138	161	152	174	113	129	145	165	94	110	124
Males discharged,	19	58	57	56	65	74	66	59	71	96	92	108	100	128	116	120	131	120	111	126	133	198	98	97	132	180	95	90	74
Females discharged,	15	48	46	41	47	54	80	81	84	83	89	105	96	142	97	126	122	109	127	117	167	240	119	114	143	196	89	89	90
Males died,	3	5	4	6	10	14	9	7	8	8	9	15	9	20	18	15	19	29	13	20	20	15	13	18	19	18	20	12	14
Females died,	1	3	4	2	3	6	8	6	5	9	14	6	9	18	12	15	18	28	26	25	21	19	14	17	25	16	10	10	16
Sent in by courts,	109	55	90	119	129	123	123	106	110	157	152	158	167	143	135	166	206	194	134	259	241	220	160	193	182	151	134	158	180
Sent in by friends and overseers,	44	64	23	8	39	54	56	56	53	41	68	78	126	134	105	95	67	47	79	50	47	57	36	48	89	22	66	57	71
Sent in by governor's warrant,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	-	-	88	-	-	-
Males recovered,	13	33	27	32	37	45	32	28	37	44	53	56	64	72	43	67	70	60	56	55	65	45	50	46	74	55	43	65	63
Females recovered,	12	31	25	26	32	31	48	54	45	44	63	68	58	82	55	69	68	65	55	48	80	77	59	51	76	72	46	64	68
Average number in hospital,	107	117	120	127	163	211	223	229	233	238	244	261	316	359	377	404	420	440	462	515	520	430	349	357	387	372	309	324	369

TABLE No. 15.
Per Cent.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.
Per cent. of recovery of recent cases,	-	82	82	84	89	86	90	91	91	91	88	93	89½	79	72	86	84	87	82	77	83	80	92	78	76	78	75	92	73
Per ct. of recovery of all discharges,	-	54	46	53	57	52	47	53	49	46	59	54	62½	57	49	55	54	54	46	42	46	52	45	48	65	34	48	64	64
Per cent. of recovery of old cases, .	-	20	18	19	25	15	17	22	21	16	29	24	31½	28	17	19	24	21	18	18	24	29	17	15	30	20	18	19	17
Per cent. of admissions of the most prominent causes each year :—																													
Ill health,	8	18	21	22	21	28	27	25	23	18	16	15	13	11	17	18	18	7	9	9	7	8	10	19	23	17	19	27	27
Religious,	9	6	7	7	6	9	5	4	4	9	13	9	7	10	6	1	2	4	2	3	4	3	4	3	1	-	1	1	1
The affections,	14	12	17	16	16	15	25	17	13	15	9	10	14	1	12	11	10	8	11	6	2	8	5	2	2	5	7	6	7
Property,	7	11	9	6	6	10	6	5	4	5	7	3	9	5	3	2	4	3	2	3	2	2	1	1	1	1	3	4	2
Intemperance,	25	24	23	15	10	16	8	12	12	8	6	8	10	10	7	5	4	3	4	2	2	4	2	9	9	4	11	9	15
Masturbation,	5	6	7	16	21	6	8	7	6	4	3	2	6	3	2	2	4	3	4	2	4	4	3	3	1	1	5	4	5
Per cent. of deaths of all in the hospital each year,	2.61	3.43	3.31	3.26	2.94	4.42	5.53	3.83	3.	2.79	4.08	3.05	4.31	5.96	4.94	4.58	5.42	8.05	5.53	5.81	5.	5.58	4.06	6.	6.8	5.1	6.	4.6	5.1
Per cent. of deaths of average number of residents each year,	3.07	6.08	6.66	6.03	5.05	7.58	9.86	6.55	5.15	5.	9.	5.74	7.59	10.55	7.95	7.92	9.	12.95	8.	8.73	7.88	7.09	7.07	9.08	11.	9.1	9.7	6.4	8.1

TABULAR VIEW.

TABULAR VIEW

Of the Condition of the Patients in the Hospital, from Oct. 1, 1860, to Sept. 30, 1861, inclusive.

No.	Time of Admiss'n.	Age when admitt- ed.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
1833												
2 Jan. 22	55	Male	Widower	Religious, . .	. .	17 years	The Court	28 yrs 8 mths	Remains	Not improved	Hereditary.	Homicidal.
1837												
582 May 26	37	Female	Single	Love affair, . .	. .	6 months	The Friends	24 yrs 4 mths	do	do	do	
1838												
876 Dec. 28	24	Male	do	Unknown, . .	. .	3 do	The Court	22 yrs 9 mths	do	Improved	do	
1839												
895 Mar. 1	30	Female	do	Ill health, . .	. .	2 do	The Overseers	22 yrs 6 mths	do	do	do	
973 Aug. 5	33	Male	do	Masturbation, . .	. .	9 years	The Court	22 yrs 2 mths	do	do	do	
1840												
1092 April 21	26	Female	do	Ill health, . .	. .	6 do	do	21 yrs 5 mths	do	Not improved	Pauper from England.	
1156 Sept. 4	40	Male	Married	Unknown, . .	. .	2 do	do	21 yrs 1 mth	do	Improved		
1841												
1252 April 29	31	Female	do	Ill health, . .	. .	2 months	The Friends	20 yrs 5 mths	do	do		
1842												
1390 Jan. 24	29	Male	Single	Masturbation, . .	. .	6 years	The Court	19 yrs 8 mths	do	Not improved	Hereditary.	
1409 Feb. 28	30	do	do	Unknown, . .	. .	2 do	do	19 yrs 7 mths	do	do	do	
1481 July 15	36	do	do	do	. .	13 do	do	19 yrs 2 mths	do	do	Pauper from Ireland.	
1565 Dec. 7	22	do	do	Masturbation, . .	. .	3 months	do	18 yrs 9 mths	do	Improved		
1843												
1583 Jan. 15	28	do	do	do	. .	6 years	do	18 yrs 9 mths	do	do	do	
1655 May 18	50	Female	do	Unknown, . .	. .	1 do	do	17 yrs 6 mths	Died	Epilepsy	do	
1696 July 15	55	do	Married	Ill health, . .	. .	2 do	do	18 yrs 2 mths	Remains	Improved	do	
1772 Nov. 16	29	Male	Single	Masturbation, . .	. .	7 do	do	17 yrs 10 mths	do	Not improved		
1844												
1981 Oct. 2	36	Female	Married	Unknown, . .	. .	5 do	do	17 yrs	do	do		
1985 do 12	46	do	do	do	. .	2 do	do	16 yrs 6 mths	Discharged	Improved		
1845												
2047 Jan. 8	21	Male	Single	Masturbation, . .	. .	6 do	The Overseers	16 yrs 7 mths	Remains	Not improved		
2197 July 22	21	do	do	do	. .	2 do	The Friends	16 yrs 2 mths	do	do		
2220 Aug. 29	28	do	do	Unknown, . .	. .	5 weeks	do	16 yrs 1 mth	do	do	Hereditary.	

2299 Sept. 8	27	Female Single	Masturbation, . . .	3 years	The Court	16 yrs	Remains	Not improved	Hereditary.	Periodical.
2280 Nov. 3	30	Male do	do	5 do	The Friends	15 yrs 11 mths	do	do	do	do
2412 April 18	26	do do	Disappointment, . .	1 week	do	15 yrs 5 mths	do	do	do	do
2419 May 11	48	Married	Unknown, . . .	Unknown	do	15 yrs 4 mths	do	do	do	do
2645 April 16	44	Female	do	2 months	do	14 yrs 5 mths	do	do	do	do
2802 Oct. 29	27	do Single	do	6 do	The Court	13 yrs 11 mths	do	do	do	do
2839 Dec. 21	43	Male do	Intemperance, . .	14 do	Sup. J. Court	13 yrs 9 mths	do	Improved	do	Pauper from Ireland.
2875 Feb. 2	51	Female	Disappointed affection, .	31 years	The Friends	13 yrs 7 mths	do	Not improved	Hereditary.	do
2981 July 11	24	do do	Ill health, . . .	5 do	do	13 yrs 2 mths	do	do	do	do
3065 Oct. 25	30	do do	Unknown, . . .	28 do	do	12 yrs 11 mths	do	do	do	do
3085 Dec. 1	37	do Married	Ill health, . . .	12 do	The Court	12 yrs 10 mths	do	do	do	do
3191 May 12	28	Male Single	Unknown, . . .	4 months	do	12 yrs 4 mths	do	do	do	do
3192 do 14	20	Female do	do	4 do	do	12 yrs 4 mths	do	do	do	do
3334 Nov. 6	21	do do	do	Unknown	The Friends	11 yrs 11 mths	do	do	do	do
3365 Dec. 11	55	do do	do	10 months	The Court	11 yrs 10 mths	do	do	do	do
3380 Jan. 23	23	Male do	Disappointed affection, .	6 do	Probate Court	11 yrs 8 mths	do	Improved	do	do
3427 April 2	35	Female Married	Unknown, . . .	5 years	do	11 yrs 6 mths	do	do	do	do
3605 Dec. 11	35	Male Single	do	2 do	The Overseers	10 yrs 9 mths	do	Not improved	do	do
3613 do 28	23	Female do	Fever, . . .	20 do	The Friends	10 yrs 9 mths	do	do	do	do
3623 Jan. 6	45	do Married	Unknown, . . .	6 do	The Overseers	10 yrs 8 mths	do	do	do	do
3795 Aug. 9	44	do Single	do	5 do	The Friends	9 yrs 2 mths	Discharged	do	do	do
3815 Sept. 12	24	do do	do	2 weeks	Probate Court	10 yrs	Remains	do	do	do
4125 Oct. 5	30	do Widow	do	Unknown	do	9 yrs	do	Improved	do	do
4328 June 3	23	Male Single	Masturbation, . .	3 years	do	8 yrs 4 mths	do	Not improved	do	do
4349 do 23	38	Female Married	Unknown, . . .	2 months	do	7 yrs 4 mths	Died	Phthisis	do	do
4395 Sept. 2	39	do do	do	Unknown	The Overseers	8 yrs 1 mth	Remains	Not improved	do	do
4409 do 20	32	do do	do	10 months	Probate Court	8 yrs	do	do	do	do
4414 do 23	23	do do	do	1 year	The Overseers	8 yrs	do	do	do	do
4431 Oct. 19	30	do do	Over exertion, . .	3 do	Probate Court	8 yrs	do	do	do	do
4493 Jan. 13	63	Male Widower	Unknown, . . .	20 do	The Overseers	7 yrs 8 mths	do	Improved	Hereditary.	do

TABULAR VIEW—Continued.

No. Admiss'n.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
1854												
4613	June 4	35	Female	Single	Epilepsy.	2 years	Overseers	6 yrs	4 mths	Not improved		
4650	July 3	66	Male	Widower	Loss of wife,	2 months	Probate Court	7 yrs	3 mths	Improved		
4684	Aug. 31	45	do	do	Unknown,	11 years	do	7 yrs	1 mth	do		
4888	Sept. 2	65	do	Unknown	do	9 years	Overseers	7 yrs	1 mth	Not improved		
4705	do 13	25	Female	Married	do	3 days	Probate Court	7 yrs	1 mth	do		
4710	do 28	27	do	Single	do	5 years	do	7 years	do	do		
4727	Oct. 23	34	do	do	do	5 do	Overseers	6 yrs	11 mths	do		Periodical.
4741	Nov. 16	33	Male	do	Masturbation,	months	C. C. Pleas	6 yrs	10 mths	do	Hereditary.	
4742	do 18	30	do	do	Unknown,	21 years	Probate Court	5 yrs	10½ mths	Exhaustion	do	do
4746	do 20	42	do	do	do			6 yrs	10 mths	Not improved		
1855												
4788	Feb. 2	12	do	do	do	Unknown	C. C. Pleas	6 yrs	7 mths	Improved		
4794	do 17	45	Female	Married	do	4 years	Probate Court	6 yrs	7 mths	do		
4832	April 18	44	Male	Single	Spiritualism,	3 do	do	6 yrs	5 mths	do		
4851	May 17	40	do	Married	do	5 do	do	6 yrs	4 mths	do		
4854	June 7	19	do	Single	Masturbation,	5 do	Overseers	6 yrs	3 mths	Not improved		
4858	do 11	36	Female	do	Unknown,	do	Probate Court	6 yrs	3 mths	Improved	Pauper from Ireland.	
4865	do 23	26	Male	Married	do	6 months	do	5 yrs	3½ mths	Palsy	do	do
4875	July 10	16	Female	Single	do	5 years	do	6 yrs	2 mths	Improved	Hereditary.	
4882	do 27	28	do	do	Ill health,	5 years	do	6 yrs	2 mths	do		
4936	Oct. 25	50	do	Married	Opium eating,	weeks	do	5 yrs	11 mths	do		
4959	Dec. 4	59	do	do	Puerperal,	2 weeks	do	5 yrs	9 mths	do		
4963	do 14	24	Male	Single	Masturbation,		do	5 yrs	7 mths	Phthisis		
1856												
4988	Feb. 22	22	Female	Married	Unknown,	1 year	Overseers	5 yrs	7 mths	Improved		
5006	Mar. 7	65	do	Single	Domestic affliction,	2 years	do	5 yrs	7 mths	Not improved		Periodical.
5040	April 29	47	do	Married	Religious,	2 weeks	Probate Court	5 yrs	5 mths	do		
5053	May 17	45	do	Unknown	Unknown,	Unknown	Police Court	5 yrs	4 mths	do		
5056	do 21	44	do	Married	Jealousy,	do	Probate Court	5 yrs	4 mths	Improved		
5061	do 22	Unk.	do	do	Unknown,	2 weeks	Police Court	5 yrs	4 mths	Not improved	Pauper from Ireland.	
5071	June 8	27	do	do	Disappointment,	Unknown	Probate Court	4 yrs	10 mths	Marasmus	Hereditary.	Periodical.
5097	July 7	23	Male	Single	do	2 years	do	5 yrs	3 mths	Improved		
5102	do 16	18	Female	do	Ill health,	6 weeks	Just. P. and Q.	4 yrs	8½ mths	Recovered	Pauper from Ireland.	

[illegible]

TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1858											
5626	July 8	53	Male	Single	Unknown,	1 week	Overseers	3 yrs 3 mths	Remains	Improved		
5630	do 13	23	do	Unknown	do	3 years	Just. P. and Q.	3 yrs 3 mths	do	do		
5633	do 19	63	Female	Single	do	20 do	Probate Court	3 yrs 2 mths	do	do	Hereditary.	
5636	do 21	50	do	do	do	Unknown	do	3 yrs 2 mths	do	Not improved		
5652	Aug. 11	45	do	Married	do	do	Police Court	3 yrs 1 mth	do	do		
5658	do 17	25	do	do	do	2 years	Just. P. and Q.	3 yrs 1 mth	do	do		
5662	do 23	74	do	Widow	do	1 year	Probate Court	2 yrs 7 mths	Discharged	Improved		
5663	do 27	58	Male	Married	do	2 years	do	2 yrs 1 mth	Remains	Not improved		
5667	do 30	51	Female	Widow	do	16 do	Gov. Order	3 yrs 1 mth	do	do		
5670	do 30	39	do	Single	do	5 do	do	3 yrs 1 mth	do	Improved	do	
5672	do 30	42	do	Widow	Religious,	10 do	do	3 yrs 1 mth	do	do		
5673	do 30	38	do	Married	Unknown,	do	do	3 yrs 1 mth	do	do		
5673	do 30	35	do	Unknown	do	years	do	3 yrs 1 mth	do	do		
5677	do 30	40	Male	Single	do	Unknown	do	3 yrs 1 mth	do	do	Pauper from Ireland.	
5683	do 30	18	do	do	do	7 months	do	3 yrs 1 mth	do	do		
5685	do 30	40	do	do	do	do	do	3 yrs 1 mth	do	do		
5690	do 30	40	do	do	do	Unknown	do	3 yrs 1 mth	do	Not improved		
5691	do 30	45	do	do	do	do	do	3 yrs 1 mth	do	do		
5694	do 30	45	do	do	do	do	do	3 yrs 1 mth	do	do		
5697	do 30	45	do	Unknown	do	11 years	do	3 years	Discharged	Improved	Periodical.	
5698	do 30	45	do	Married	do	4 do	do	3 yrs 1 mth	Remains	Not improved	Pauper from Ireland.	
5700	do 30	24	do	Single	do	Unknown	do	3 yrs 1 mth	do	Improved	do	
5703	do 30	35	do	do	do	do	do	3 yrs 1 mth	do	do		
5706	do 30	36	do	do	do	do	do	3 yrs 1 mth	do	do		
5708	Sept. 1	24	Female	do	do	1 year	Probate Court	2 yrs 11 mths	Discharged	do		
5714	do 9	22	Male	do	Hard work,	2 do	do	2 yrs	do	Recovered	do	do
5727	do 17	35	do	do	Unknown,	1 year	Gov. Order	3 yrs 7 mths	Remains	Not improved	do	do
5728	do 17	43	Female	Widow	Epilepsy,	Unknown	do	3 years	do	do	Pauper from Ireland.	Periodical.
5735	do 20	38	Male	Married	Unknown,	2 years	Probate Court	3 years	do	do	do	
5739	do 20	38	do	do	do	6 years	Gov. Order	3 years	do	do	do	
5740	do 20	35	do	Single	do	12 do	do	3 years	do	do	Pauper from Maine.	Per.
5742	do 20	30	do	do	Epilepsy,	30 do	do	3 years	do	do	do	
5759	do 20	40	Female	Married	Unknown,	15 do	do	3 years	do	do	do	Ireland.

Sept.	5760	50	Male	Married	Unknown,	.	.	10 years	Gov. Order	3 years	Remains	Not improved	Pauper from Ireland.
20	5761	65	do	Single	do	.	.	20 do	do	3 years	do	do	do
20	5762	45	do	Unknown	do	.	.	5 do	do	3 years	do	do	do
20	5763	30	Female	Single	do	.	.	9 do	do	3 years	do	Improved	do
20	5764	44	do	Married	do	.	.	10 years	do	3 years	do	do	do
20	5765	30	do	Single	do	.	.	Unknown	do	3 years	do	Not improved	do
22	5767	63	do	Widow	Epilepsy,	.	.	10 years	Private Bond	3 years	do	do	
6	5779	Unk.	Male	Unknown	Unknown,	.	.	Unknown	Munic'l Court	3 years	Discharged	Improved	
21	5782	60	Female	Married	do	.	.	3 years	Private Bond	2 yrs 4 mths	Remains	do	
23	5786	60	do	Single	do	.	.	Unknown	Probate Court	2 yrs 11 mths	do	do	
29	5789	60	do	Married	do	.	.	2 years	Munic'l Court	2 yrs 11 mths	do	do	
30	5790	25	Male	Single	do	.	.	Unknown	Probate Court	2 yrs 11 mths	do	do	Pauper from Germany.
13	5799	45	do	Married	do	.	.	2 years	Private Bond	2 yrs 10 mths	do	do	Hereditary.
17	5801	25	do	Single	do	.	.	2 years	do	2 yrs 10 mths	do	do	
8	5810	49	do	Married	Intemperance,	.	.	10 years	Probate Court	2 yrs 9 mths	do	do	
18	5814	37	do	Single	Unknown,	.	.	3 months	Private Bond	2 yrs 9 mths	do	do	do
30	5817	21	do	do	Fright, .	.	.	4 years	Probate Court	2 yrs 9 mths	do	Not improved	Pauper from Germany.
30	5819	23	Female	do	Unknown,	.	.	years	do	2 yrs 9 mths	do	Improved	
1859													
27	5825	11	Male	do	do	.	.	Unknown	Just. P. and Q.	2 yrs 9 mths	do	do	Pauper from England.
27	5845	27	do	Married	Domestic affliction,	.	.	10 days	Probate Court	1 yr 10 mths	Discharged	do	Paup. from Eng. Period
3	5847	35	Female	Single	Ill health,	.	.	5 months	Private Bond	2 yrs 7 mths	Remains	do	
14	5850	38	do	Married	Unfortunate marriage,	.	.	6 weeks	Probate Court	2 yrs 7 mths	do	do	
25	5856	40	Male	Unknown	Unknown,	.	.	2 years	do	2 yrs 6 mths	do	do	
24	5859	30	do	Single	do	.	.	6 months	do	2 yrs 6 mths	do	do	
24	5862	42	Female	Married	do	.	.	5 years	do	2 yrs 3 mths	Died	Exhaustion	Hereditary.
8	5866	24	Male	Single	do	.	.	6 do	Overseers	2 yrs 6 mths	Remains	Improved	
18	5875	58	Female	Married	do	.	.	1 month	Probate Court	2 yrs 5 mths	do	do	
19	5880	20	Male	Single	Epilepsy,	.	.	1 year	Private Bond	2 yrs 5 mths	do	do	
20	5881	30	Female	Married	Domestic affliction,	.	.	5 years	Probate Court	2 yrs 5 mths	do	do	
3	5883	40	do	Widow	Unknown,	.	.	1 month	Munic'l Court	2 yrs 5 mths	do	Not improved	Periodical.
16	5888	25	do	Single	do	.	.	3 weeks	Just. P. and Q.	2 yrs 5 mths	do	Improved	Periodical.
21	5892	Unk.	do	Married	do	.	.	1 year	Police Court	2 yrs 4 mths	do	do	Pauper from Ireland.
28	5898	17	Male	Single	Prison confinement,	.	.	3 months	Probate Court	2 yrs 4 mths	do	do	Homicidal.
3	5902	69	do	Married	Unknown,	.	.	10 months	Overseers	2 yrs 4 mths	do	do	
4	5903	69	do	do	do	.	.	10 years	Private Bond	2 yrs 4 mths	do	do	
10	5907	64	do	do	do	.	.	5 do	Probate Court	2 yrs 4 mths	do	do	Hereditary.
10	5908	24	Female	Single	do	.	.	2 do	do	2 yrs 4 mths	do	do	do
11	5909	42	Male	do	do	.	.	2 do	do	2 yrs 4 mths	do	do	

TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
1859												
5912	June 13	28	Female	Widow	Unknown, .	1 week	Probate Court	2 yrs 4 mths	Remains	Improved		
5913	do 17	29	Male	Single	do	4 years	do	5 mths	Died	Phthisis		
5914	do 28	26	do	do	Epilepsy, .	14 do	do	3 mths	Remains	Not improved	Suicidal.	Homicidal.
5919	do 25	30	do	do	Unknown, .	20 do	Overseers	2 years	Discharged	Improved	Hereditary.	
5923	July 7	35	Female	Married	Ill health, .	3 months	Probate Court	2 yrs 3 mths	Remains	do		
5924	do 7	35	do	Widow	Unknown, .	3 years	Private Bond	1 yr 4 mths	Discharged	do		
5933	do 19	27	Male	Single	do	3 years	Probate Court	2 yrs 2 mths	Remains	Not improved	do	do
5944	Aug. 1	23	Female	do	Epilepsy, .	24 do	do	2 mths	do	do		
5948	do 5	45	Female	Widow	Unknown, .	1 year	Police Court	1 yr 6½ mths	Discharged	Recovered		
5949	do 10	25	do	do	Religious, .	2 weeks	do	1 mth	do	do		
5950	do 12	35	Male	do	Pecuniary, .	3 years	Probate Court	2 yrs 1 mth	Remains	Improved	do	
5951	do 12	13	do	Single	Epilepsy, .	1 year	do	2 mths	do	Not improved	Pauper from England.	
5954	do 15	29	do	Married	Intemperance, .	3 months	do	2 yrs 2 mths	do	Improved		
5956	do 17	40	Female	Single	Unknown, .	8 years	Private Bond	2 yrs 1 mth	do	do		
5962	do 28	43	do	Married	Abuse of husband, .	2 months	Probate Court	2 yrs 1 mth	do	do		
5964	Sept. 7	63	Male	do	Loss of property, .	2 years	Overseers	2 yrs 1 mth	do	do		
5976	do 30	33	Female	Single	Ill health, .	6 months	Police Court	2 years	do	Not improved	Hereditary.	
5977	Oct. 3	47	Male	Married	Unknown, .	2 weeks	Probate Court	2 years	do	do	Pauper from Ireland.	Periodical.
5979	do 4	30	do	Unknown	do	Unknown	Superior Court	1 yr 1 mth	Discharged	Improved		
5983	do 18	20	Female	Single	Uterine difficulty, .	1 year	Probate Court	1 yr 11 mths	Remains	Not improved		
5986	do 28	22	do	do	Ill health, .	3 weeks	do	6 mths	Discharged	Improved		
5996	Nov. 12	23	Male	do	Religious, .	1 week	Just. P. and Q.	1 yr 11 mths	Remains	do		
5998	do 15	25	do	do	Unknown, .	3 weeks	Police Court	7 mths	Discharged	do		
5999	do 19	59	do	do	do	2 months	Probate Court	1 yr 6 mths	do	Recovered		
6003	do 29	50	do	Married	Fits, .	3 years	do	10 mths	Remains	Improved		
6004	Dec. 3	35	Female	do	Unknown, .	1 month	do	6 mths	Discharged	do		
6005	do 6	30	do	Single	do	6 months	do	10 mths	Remains	do		
6007	do 8	29	do	do	Fever, .	10 years	do	1 yr 10 mths	do	Not improved		do
6011	do 12	28	Male	do	Epilepsy, .	6 weeks	do	10 mths	do	do		
1860												
6017	Jan. 2	21	do	do	Masturbation, .	3 weeks	do	9 mths	do	Improved		
6018	do 4	27	do	do	Hard study, .	2 years	Private Bond	9 mths	do	do		
6020	do 13	45	Female	do	Unknown, .	Unknown	Probate Court	3 mths	Discharged	do		

6022 Jan.	36	Male	Single	Loss of property,	Unknown	Probate Court	1 yr	8 mths	Remains	Not improved	Hereditary.	Periodical.
6023 do	38	do	Married	Fever, .	1 year	Private Bond	1 yr	8 mths	do	do	do	do
6024 do	20	Female	Single	Unknown, .	15 years	do	1 yr	6 mths	Discharged	Recovered	do	do
6025 do	21	Male	Married	do	3 months	Probate Bond	1 yr	8 mths	Remains	Improved	do	do
6030 do	30	do	do	do	years	Private Bond	1 yr	3 mths	Discharged	Recovered	do	do
6031 Feb.	1	do	Single	Epilepsy,	3 years	Probate Court	1 yr	8 mths	Remains	Not improved	do	do
6033 do	1	Female	do	Unknown,	2 weeks	do	1 yr	8 mths	do	do	do	do
6034 do	1	do	do	do	Unknown	do	1 yr	8 mths	do	do	do	do
6035 do	4	Female	do	do	3 years	Private Bond	1 yr	3 mths	Discharged	Improved	do	do
6038 do	10	do	Widow	Epilepsy,	6 months	Probate Court	1 yr	8 mths	Remains	Not improved	do	do
6039 do	14	Male	Married	Religious,	3 years	do	1 yr	8 mths	do	do	do	do
6042 do	22	Female	Widow	Old age,	1 year	Private Bond	10 months	8 mths	Died	Old age	do	do
6043 do	22	do	Single	Unknown,	3 days	do	1 yr	7 mths	Remains	Not improved	do	do
6044 do	24	do	Married	do	1 year	do	1 yr	7 mths	do	Improved	do	do
6047 do	25	Male	Single	Masturbation,	3 years	Overseers	1 yr	7 mths	do	Not improved	do	do
6048 do	25	Female	do	Unknown,	3 do	Private Bond	1 yr	7 mths	do	do	do	do
6049 do	25	do	do	do	3 do	do	1 yr	7 mths	do	do	do	do
6050 do	27	do	Married	do	6 years	do	1 yr	1½ mths	Discharged	Recovered	Suicidal.	do
6052 do	29	Male	do	Opium eating,	6 months	Probate Court	1 yr	7 mths	Remains	Improved	do	do
6058 Mar.	7	do	Unknown	Unknown,	Unknown	do	8½ months	7 mths	Discharged	do	do	do
6059 do	12	do	Married	Epilepsy,	1 week	Overseers	1 yr	16 days	do	Not improved	do	do
6062 do	17	Female	Single	Unknown,	Few days	Probate Court	1 yr	6 mths	Remains	do	do	do
6065 do	21	Male	Married	Intemperance,	4 months	do	1 yr	1 mth	Discharged	Recovered	do	do
6067 do	24	Female	do	Injury by falling,	3 years	do	1 yr	6 mths	Remains	Not improved	do	do
6069 do	31	do	do	Miscarriage,	4 weeks	Superior Court	1 yr	5½ mths	Discharged	Improved	do	do
6073 April	9	Male	do	Jealousy,	2 months	Probate Court	1 yr	6 mths	Remains	do	do	do
6074 do	10	Female	do	Measles,	1 year	do	1 yr	6 mths	do	Not improved	Hereditary.	do
6076 do	11	do	do	Jealousy,	6 weeks	Private Bond	7 months	Discharged	do	Recovered	do	do
6077 do	11	do	Single	Brain fever,	8 years	Probate Court	1 yr	1 mth	do	do	do	do
6079 do	17	Male	do	Injury of head,	1 year	do	7 months	do	do	Improved	do	do
6081 do	23	do	Married	Unknown,	1 week	Police Court	1 yr	5 mths	Remains	Not improved	Suicidal.	do
6082 do	23	do	Single	Rheumatic fever,	7 weeks	Probate Court	11 months	Discharged	do	Improved	do	do
6083 do	24	do	do	Unknown,	9 months	Just. P. and Q.	1 yr	5 mths	Remains	Not improved	do	do
6085 do	26	Female	Widow	Religious,	Unknown	Police Court	7½ months	Discharged	do	Recovered	do	do
6087 do	30	do	do	Turn of life,	8 weeks	Probate Court	1 yr	5 mths	Remains	Not improved	Hereditary.	do
6088 May	2	do	Single	Illegitimate child,	1 year	do	1 yr	5 mths	do	do	Suicidal.	do
6089 do	3	Male	do	Unknown,	10 years	do	1 yr	5 mths	do	do	do	do
6090 do	3	do	Married	do	2 months	do	1 yr	5 mths	do	do	do	do
6091 do	5	Female	Single	do	Unknown	do	1 year	Discharged	do	Improved	do	do

TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1860											
6093	May 9	35	Female	Married	Unknown, . . .	2 years	Police Court	4½ months	Discharged	Recovered		
6094	do 10	30	do	do	do . . .	Unknown	Probate Court	1 yr 5 mths	Remains	Not improved		
6095	do 11	28	Male	do	do . . .	18 months	do	1 yr 5 mths	do	do		
6096	do 11	36	do	do	Drugged liquors, . .	4 weeks	do	1 yr 3½ mths	do	Improved		
6097	do 12	49	Female	do	Unknown, . . .	6 years	Private Bond	1 yr 5 mths	Died	do		
6098	do 14	35	Female	do	Epilepsy, . . .	6 weeks	Overseers	6 months	Remains	Epilepsy		Periodical.
6099	do 15	26	Female	Single	Unknown, . . .	2 do	Probate Court	1 yr 5 mths	do	Improved		do
6103	do 23	37	do	Married	do . . .	6 months	Just. P. and Q.	1 yr 4 mths	do	do		
6105	do 24	48	do	do	Domestic trouble, . .	6 do	Overseers	1 yr 4 mths	do	do		
6106	do 25	16	Male	Single	Unknown, . . .	6 weeks	Probate Court	1 yr 4 mths	Discharged	Recovered		Homicidal.
6110	do 30	50	do	Married	Injury of head, . . .	3 years	do	1 year	Died	Palsy		do
6111	June 2	59	Female	Widow	Paralysis, . . .	4 months	do	6 months	do	do	Suicidal.	Hereditary.
6112	do 4	28	Male	Single	Business disappointm't, . .	6 weeks	do	5 months	Discharged	Recovered		Periodical.
6113	do 6	30	Female	Married	Fright, . . .	2 months	do	2½ months	Remains	Improved		
6114	do 7	30	do	do	Unknown, . . .	2 years	do	1 yr 4 mths	Discharged	Recovered		
6116	do 9	45	do	do	Ill health, . . .	2 weeks	do	1 yr 4 mths	Remains	Improved		
6119	do 11	28	Male	Single	Unknown, . . .	10 months	do	1 yr 4 mths	do	Not improved		
6121	do 12	25	do	do	Religious, . . .	6 weeks	do	1 yr 4 mths	do	Improved		
6123	do 14	25	Female	do	do . . .	1 year	do	1 yr 4 mths	Discharged	Recovered		
6124	do 18	21	Male	do	Masturbation, . . .	6 months	Sup. Court	6 months	do	do		
6125	do 20	48	do	Married	Intemperance, . . .	1 month	do	11 months	do	Improved		
6126	do 20	50	Female	Widow	do . . .	6 weeks	Probate Court	1 yr 3 mths	Remains	do		
6128	do 25	63	do	do	do . . .	6 months	do	1 yr 3 mths	do	do		
6130	do 27	26	Male	do	Ill health, . . .	2 do	do	6 months	Discharged	do		
6133	do 28	20	Female	do	Unknown, . . .	2 years	do	1 yr 3 mths	Remains	Not improved		
6134	do 30	45	do	do	do . . .	1 week	do	1 yr 3 mths	do	Improved		do
6137	July 7	46	do	Married	Injury of head, . . .	3 years	do	4 months	Discharged	do	Hereditary.	do
6138	do 10	17	do	do	Irregular menses, . .	10 days	do	11 months	do	Recovered		do
6139	do 11	31	do	Single	Unknown, . . .	6 weeks	do	4½ months	do	do		
6140	do 14	45	do	Married	do . . .	3 years	Private Bond	10 months	do	Not improved		
6141	do 14	22	do	Single	do . . .	2 weeks	Probate Court	9 months	do	Recovered		
6142	do 18	16	do	do	do . . .	2 months	do	1 year	do	do		
6144	do 23	18	Male	do	Masturbation, . . .	2 years	Overseers	1 yr 2 mths	Remains	Not improved	Suicidal.	

TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
1860												
6194	Oct. 4	40	Male	Married	Unknown,	2 months	Probate Court	2 months	Discharged	Improved		
6195	do 4	24	Female	Widow	Ill health,	1 month	do	10 months	do	Recovered		
6196	do 5	24	Male	Single	Unknown,	3 years	do	12 months	Remains	Not improved		
6197	do 6	24	do	do	do	3 weeks	do	12 months	Discharged	Recovered		
6198	do 7	40	Female	Married	Intemperance,	1 year	do	9 months	do	do		
6199	do 11	35	do	Single	Unknown,	Unknown	do	5 months	do	Improved		
6200	do 12	30	do	Married	do	years	do	6 months	do	Recovered		
6201	do 16	26	Male	Single	Ill health,	2 years	Private Bond	4 months	do	do		
6202	do 17	40	Female	Married	Jalousy,	Unknown	do	7 months	do	Improved		
6203	do 18	42	Male	Widower	Unknown,	1 week	Probate Court	8 months	do	Not improved		
6204	do 18	47	Female	Single	Ill health,	1 year	do	8 months	do	Recovered		
6205	do 19	35	Male	Married	Unknown,	1 year	Police Court	11 months	Remains	Improved		
6206	do 20	22	do	Single	do	Unknown	Private Bond	6 months	Discharged	Recovered		
6207	do 20	65	do	Married	do	1 year	Probate Court	11 months	Remains	Improved		
6208	do 20	30	Female	Single	do	2 years	do	7½ months	Discharged	Recovered		
6209	do 22	47	Male	Married	Political excitement,	1 week	do	1 mth 6 days	do	do		
6210	do 25	42	Female	Single	Unknown,	4 years	Overseers	6 months	do	do		
6211	do 27	21	Male	do	do	Short time	Private Bond	11 months	Remains	Improved		
6212	Nov. 1	42	Female	Married	do	5 years	Overseers	1 mth 3 days	Discharged	Recovered		
6213	do 2	30	do	do	do	3 weeks	do	5½ months	do	do		
6214	do 2	50	Male	do	do	3 do	Probate Court	7 months	do	do		do
6215	do 2	36	do	do	do	3 months	Police Court	11 months	Remains	Improved		
6216	do 5	32	do	do	Epilepsy,	1 month	Sup. Court	11 months	do	Not improved		
6217	do 6	40	do	do	Intemperance,	4 days	Overseers	11 months	do	do		do
6218	do 7	68	do	do	Unknown,	4 years	Probate Court	3½ months	Discharged	Recovered		do
6219	do 8	47	Female	Widow	do	2 weeks	Just. P. and Q.	11 months	Remains	Improved		do
6220	do 8	32	Male	Single	do	2 do	Sup. Court	6½ months	Discharged	do		
6221	do 8	45	do	Married	Intemperance,	1 week	Probate Court	1 mth 5 days	do	Recovered		
6222	do 11	40	Female	Single	Unknown,	Unknown	do	6 months	do	do		
6223	do 13	37	Male	do	Injury,	10 months	Police Court	4 months	do	do		
6224	do 13	45	Female	Widow	Domestic affliction,	4 months	Probate Court	1 month	Died	Phthisis		
6225	do 15	35	do	Married	Unknown,	3 years	Private Bond	10½ months	Remains	Improved		
6226	do 16	75	do	Widow	do	2 weeks	Probate Court	10½ months	do	do		

TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
1861												
6265	Jan. 23	75	Female	Widow	Unknown, . . .	1 year	Overseers	2 months	Discharged	Improved		
6266	do 26	61	Male	Married	do . . .	3 years	Private Bond	4 months	Remains	Not improved		
6267	do 31	25	Female	Single	do . . .	years	Probate Court	8 months	Discharged	Recovered		
6268	Feb. 2	28	Male	Married	Religious, . . .	1 week	do	8 months	Remains	Not improved		
6269	do 2	30	Female	do	Unknown, . . .	3 weeks	Superior Court	3 months	Discharged	Recovered		
6270	do 5	28	do	do	Loss of children, . . .	1 week	Probate Court	2½ months	do	do		
6271	do 6	73	Male	do	Unknown, . . .	3 years	Private Bond	5 days	Died	Old age		
6272	do 6	63	do	do	do . . .	1 month	Probate Court	8 months	Remains	Improved		
6273	do 12	65	do	do	Epilepsy, . . .	3 years	do	7½ months	do	do		
6274	do 13	62	do	do	Fall and injury of back, . . .	3 do	Overseers	2 months	Discharged	do		
6275	do 15	45	Female	Single	Unknown, . . .	2 do	Private Bond	1½ months	do	Not improved		do
6276	do 15	57	do	Single	do . . .	3 months	do	2½ months	do	Improved		
6277	do 16	40	Male	Married	Loss of children, . . .	1 year	Just. P. and Q.	6 mths 4 days	Died	Exhaustion		
6278	do 19	43	Female	do	Unknown, . . .	10 months	Private Bond	3 months	Discharged	Improved		
6279	do 22	40	Male	do	Spiritualism, . . .	4 weeks	Probate Court	4 mths 8 days	do	Recovered		
6280	do 22	35	do	do	Rum and tobacco, . . .	Few days	do	16 days	do	do		
6281	do 27	55	Female	Single	Fits, . . .	years	Private Bond	7 months	Remains	Improved		
6282	do 27	30	Male	Married	Spiritualism, . . .	6 months	Probate Court	7 months	Discharged	Recovered		
6283	Mar. 4	38	do	do	Intemperance, . . .	months	Private Bond	7 months	Remains	Not improved		do
6284	do 5	42	Female	do	do . . .	1 week	Police Court	2 mths 11 dys	Discharged	Recovered		
6285	do 5	35	do	do	Injury of spine, . . .	years	Private Bond	7 months	Remains	Not improved		
6286	do 6	20	Male	Single	Masturbation, . . .	2 months	Private Bond	7 months	Discharged	Improved		
6287	do 6	71	do	Married	Unknown, . . .	2 months	Probate Court	6 mths 2 days	Discharged	Recovered		
6288	do 6	30	do	Single	Masturbation, . . .	6 months	do	4 mths 12 dys	do	Improved		
6289	do 8	27	do	do	Epilepsy, . . .	years	do	7 months	Remains	Not improved		
6290	do 11	62	do	Widower	Palsy, . . .	10 do	Private Bond	7 months	do	do		
6291	do 11	25	do	Single	Unknown, . . .	8 do	Probate Court	6 mths 9 days	Died	Palsy		
6292	do 12	48	Female	Married	do . . .	1 year	do	2 months	Discharged	Improved		
6293	do 12	32	do	do	Religious, . . .	years	Private Bond	5 mths 2 days	do	do		
6294	do 13	40	do	do	Unknown, . . .	3 months	Probate Court	1 mth 10 days	do	Recovered		
6295	do 13	45	Male	do	Intemperance, . . .	2 do	Police Court	6½ months	Remains	Improved		
6296	do 13	43	do	do	Unknown, . . .	Short time	do	6½ months	do	do		
6297	do 14	21	Female	do	Domestic affliction, . . .	4 ays	Probate Court	6½ months	Discharged	do		
							do	6½ months	Remains	do		

6298 Mar.	14	40	Female	Widow	Religious excitement,	Police Court	Discharged	Recovered	Periodical
6299 do	16	33	do	Single	Unknown,	3 days	6½ months	do	do
6300 do	18	45	Male	Married	Intemperance,	1 week	2½ months	do	do
6301 do	19	46	do	do	Unknown,	3 years	4 mths 22 days	do	do
6302 do	21	39	Female	do	do	1 year	6½ months	Improved	do
6303 do	22	54	Male	do	do	3 weeks	6 months	do	do
6304 do	23	49	Female	do	do	4 years	20 days	Discharged	do
6305 do	27	58	do	do	Ill health,	3 months	6 months	Remains	Not improved
6306 do	29	48	do	do	Unknown,	15 years	6 months	do	Improved
6307 April	1	15	do	Married	do	Few weeks	6 months	do	Not improved
6308 do	5	35	Male	do	do	2 years	1 mth 10 days	Improved	do
6309 do	6	20	Female	do	do	Unknown	6 months	Discharged	do
6310 do	8	21	Male	do	Epilepsy,	6 months	6 months	Remains	Not improved
6311 do	8	19	do	do	Masturbation,	Unknown	21 days	Died	Exhaustion
6312 do	8	23	do	do	do	do	6 months	Remains	Not improved
6313 do	9	19	do	do	Unknown,	do	6 months	do	Improved
6314 do	9	Unk.	Female	Married	do	do	1 month	Discharged	Recovered
6315 do	10	19	Male	Single	do	2 months	2 months	do	do
6316 do	10	30	Female	Married	Jealousy,	1 week	6 months	Remains	Not improved
6317 do	10	48	do	do	Unknown,	Unknown	4 months	Discharged	Recovered
6318 do	13	30	Male	do	do	1 year	5½ months	Remains	Not improved
6319 do	18	50	Female	do	do	months	5½ months	do	Improved
6320 do	22	45	Male	Married	Military excitement,	Some days	1 month	Discharged	Recovered
6321 do	23	23	Female	Single	Hysteria,	6 months	5 months	Remains	Improved
6322 do	26	35	Male	do	Unknown,	4 years	1½ months	do	do
6323 do	27	29	do	do	do	years	5 months	Discharged	do
6324 May	2	30	do	do	do	do	5 months	Remains	do
6325 do	4	62	Female	do	do	1 year	5 months	do	do
6326 do	6	60	do	do	do	2 months	5 months	do	do
6327 do	6	25	do	do	Religious depression,	2 months	4 mths 17 days	Discharged	Improved
6328 do	7	Unk.	Male	do	Unknown,	years	4 months	Remains	do
6329 do	7	46	do	Married	Epilepsy,	Many yrs	1 mth 23 days	Discharged	Recovered
6330 do	7	34	do	do	Pecuniary trouble,	3 months	2 months	Remains	Improved
6331 do	8	46	Female	do	Disease of spine,	Short time	2 months	Discharged	Recovered
6332 do	10	51	do	Widow	Over work,	10 days	1 mth 20 days	Died	Exhaustion
6333 do	12	43	do	do	Unknown,	1 month	3 months	Discharged	Recovered
6334 do	13	22	Male	Single	Work,	4 months	4½ months	Remains	Improved
6335 do	13	27	Female	Married	Puerperal,	1 week	18 days	Discharged	Recovered
6336 do	13	15	do	Single	Unknown,	Unknown	4½ months	Remains	Improved

TABULAR VIEW — Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
1861												
6337	May 14	22	Male	Unknown	Unknown, .	2 weeks	Just. P. and Q.	4½ months	Remains	Improved		
6338	do 14	48	Female	Married	do .	6 months	Probate Court	4½ months	do	do		
6339	do 14	55	Female	do	Typhoid fever, .	5 weeks	Overseers	4½ months	do	do		
6340	do 17	35	Male	do	Unknown, .	1 month	Police Court	1 mth 19 days	Discharged	do		
6341	do 18	30	do	Single	do .	Unknown	Probate Court	4½ months	Remains	Not improved		
6342	do 18	27	do	Married	Epilepsy, .	23 years	do	4½ months	do	do		
6343	do 18	43	do	Single	Unknown, .	Short time	do	1 month	Discharged	Recovered		
6344	do 20	48	do	Widower	Narcotics, .	8 years	Probate Court	4 mths 10 dys	Remains	Improved		
6345	do 20	38	do	Married	Business disappointment	Short time	do	4 mths 10 dys	do	do		
6346	do 21	41	Female	do	Unknown, .	2 years	do	4 mths 9 days	do	do		
6347	do 22	41	Male	do	Epilepsy, .	Unknown	do	3 days	Discharged	Not improved		
6348	do 22	25	Female	Single	Unknown, .	3 years	Private Bond	4 months	Remains	Improved		
6349	do 29	27	do	do	do .	4 do	Police Court	4 months	do	do		
6350	do 31	46	do	do	do .	1 year	Probate Court	4 months	do	do		do
6351	June 1	35	Male	Married	Intemperance, .	4 days	do	2 mths 24 dys	Discharged	Recovered		
6352	do 2	21	do	Single	Epilepsy, .	4 months	do	1 mth 24 dys	do	Improved		
6353	do 4	52	Female	Married	Ill health, .	3 years	Private Bond	4 months	Remains	Not improved		
6354	do 4	38	do	do	Unknown, .	5 weeks	Overseers	4 months	do	do		do
6355	do 4	40	Male	do	Hard work, .	3 do	Just. P. and Q.	4 months	do	do		
6356	do 5	37	do	do	Rheumatic fever, .	4 do	Probate Court	1 month	Discharged	Recovered		
6357	do 8	47	Female	do	Unknown, .	3 do	do	3 months	do	do		
6358	do 10	40	Male	do	Intemperance, .	3 do	do	3 mths 20 dys	do	do		
6359	do 11	45	Female	do	Domestic affliction, .	1 week	do	1 mth 12 dys	do	do		
6360	do 12	35	Male	Single	Unknown, .	2 days	do	3½ months	Remains	Not improved		
6361	do 13	17	do	do	do .	3 months	do	3½ months	do	do		
6362	do 13	60	Female	Married	Intemperance, .	Unknown	Sup. Court	3½ months	do	Improved		do
6363	do 17	30	do	Single	Epilepsy, .	10 years	Private Bond	3½ months	do	do		
6364	do 17	55	do	do	Unknown, .	10 months	do	3½ months	do	do		
6365	do 18	60	do	do	Love affair, .	10 years	Probate Court	3½ months	do	do		
6366	do 19	66	do	Widow	Loss of children, .	5 do	do	3½ months	do	Not improved		
6367	do 19	19	do	Single	Unknown, .	3 months	do	3½ months	do	do	do	
6368	do 20	68	do	Widow	do .	Unknown	Private Bond	3 mths 10 dys	do	do		
6369	do 21	50	do	Married	Turn of life, .	1 month	do	3 mths 9 days	do	Improved		

[illegible]

TABULAR VIEW—Continued.

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
6410	1861 Aug. 7	56	Female	Married	Apoplexy,	4 months	Probate Court	24 days	Discharged	Improved		
6411	do 7	23	do	do	Puerperal,	2 do	do	2 months	Remains	do		
6412	do 7	45	do	do	Unknown,	6 do	do	2 months	do	do		
6413	do 12	35	do	Single	do	Few days	do	1 1/2 months	do	do		
6414	do 14	74	do	Widow	do	4 years	do	1 1/2 months	do	do		
6415	do 14	38	Male	Married	do	Unknown	do	14 days	Discharged	Recovered		Periodical.
6416	do 16	39	Female	Widow	do	3 years	Police Court	1 1/2 months	Remains	Not improved		
6417	do 17	70	Male	Unknown	do	Unknown	Just. P. and Q.	1 1/2 months	do	do		
6418	do 17	35	do	Single	do	years	Probate Court	1 1/2 months	do	do		
6419	do 19	48	Female	Married	do	3 weeks	do	1 mth 10 days	do	Improved		do
6420	do 20	53	Male	do	do	2 months	do	1 mth 10 days	do	Not improved		do
6421	do 20	25	Female	Single	do	5 years	do	1 mth 7 days	do	Improved		
6422	do 23	22	Male	do	Military excitement,	1 week	do	1 mth 7 days	do	Not improved		
6423	do 23	60	Female	do	Unknown,	years	Private Bond	1 month	do	do		
6424	do 24	30	Male	do	do	Unknown	Probate Court	1 month	do	do		
6425	do 31	35	Female	Widow	do	Few days	Private Bond	1 month	do	Improved		
6426	Sept. 3	21	do	Married	Ill health,	2 weeks	Probate Court	1 month	do	Not improved		
6427	do 3	11	Male	Single	Unknown,	5 years	do	1 month	do	do		do
6428	do 3	60	do	Married	Epilepsy,	3 weeks	Just. P. and Q.	1 month	do	Improved		do
6429	do 4	32	do	do	Unknown,	1 week	Sup. Court	26 days	do	Not improved		
6430	do 5	26	do	do	do	6 weeks	do	25 days	do	Improved		
6431	do 7	30	Female	Married	do	10 months	Probate Court	23 days	do	do		
6432	do 9	45	do	do	Turn of life,	1 month	Private Bond	21 days	do	do		
6433	do 10	45	Male	do	Unknown,	10 years	do	20 days	do	do		
6434	do 10	28	Female	do	Puerperal fever,	1 month	do	20 days	do	do		
6435	do 10	22	do	Single	Religious,	3 months	Police Court	20 days	do	do		
6436	do 17	40	do	do	Unknown,	1 week	do	13 days	do	do		
6437	do 17	44	Male	Married	Brain fever,	5 days	Probate Court	10 days	Discharged	Not improved		do
6438	do 20	13	do	Single	Epilepsy,	6 years	do	10 days	Remains	do		do
6439	do 20	60	do	do	Intemperance,	2 weeks	Police Court	10 days	Discharged	Recovered		
6440	do 20	61	Female	Married	Unknown,	2 do	Probate Court	10 days	Remains	Not improved		
6441	do 26	79	do	Single	do	20 years	Private Bond	4 days	do	do		
6442	do 30	59	Male	Married	Bus. & domestic losses,	6 months	do	1 day	do	do	Hereditary.	

From the non-completion of the plan, the additional workshops, mentioned in my last report, have not been provided for the male patients. This, however, has not been as yet a practical disadvantage. A very large proportion of our inmates are and must be from agricultural districts; and where they are not farmers or farm laborers, they are, when calm and sufficiently vigorous, all capable of undertaking garden and ordinary field work, and derive benefit from exchanging the sedentary posture and confined atmosphere of a shop or manufactory for muscular exertion in the open air. The presence of mechanics in such an institution is of course highly useful and profitable, and in many cases it is judicious to employ patients in their own craft; but there are unquestionably greater curative powers in the labor of the farm than in the shop. It is a mistake, also, to suppose that the kind of work which answers well in one institution should answer equally well in another. Practically, it will be found, that in one hospital weaving is most successfully and beneficially carried on, in another the making of mats, in a third, garden or field labor.

In institutions near large towns or cities, the handicrafts will probably be generally found to succeed best; while those in the centre of agricultural districts, field labor will be most beneficial.

The character of the work should be regulated partly by the prevalent occupations of the neighborhood in which the hospital is situated; partly by the previous occupation of the patients; partly by a consideration of the kind of work likely to be physically most suitable to individual patients.

A variety of labor is absolutely necessary for the well being of any large number of patients. At the same time there is no employment so generally acceptable, none so serviceable in restoring physical health, as that of the farm or garden.

In conducting the affairs of the hospital during the year, every effort has been made to provide labor for such patients as could be induced to engage in it.

The following tables will show some of the results of labor performed by the patients during the year.

Articles made in the sewing-rooms, in the course of the year:

Bed Spreads,	127	Frocks,	27
Bed Ticks,	321	Trousers, pairs of,	93
Sheets,	563	Overalls, pairs of,	47
Pillow Cases,	618	Vests,	51
Pillows,	38	Hose, pairs of,	63
Shirts,	671	Mittens, pairs of,	53
Chemises,	664	Knit Edging, yards of,	158
Drawers, pairs of,	44	Carpets,	7
Night Dresses,	37	Table Covers,	21
Night Caps,	19	Window Curtains,	109
Skirts,	278	Napkins,	90
Skirts embroidered,	15	Towels,	468
Dresses,	327	Coats,	31
Comforters,	69	Jackets,	16
Valances,	18	Aprons,	37

Articles repaired in the sewing-rooms, in the course of the year:

Shirts,	1,897	Skirts,	274
Trousers,	1,681	Hose, pairs of,	2,784
Coats,	417	Dresses,	1,667
Vests,	529	Chemises,	1,781
Bed Ticks,	627	Overalls,	97
Bed Spreads,	273	Jackets,	63
Sheets,	828	Frocks,	86

The number of full days' work performed in each month during the year :

	Males.	Females.
October,	385	861
November,	321	870
December,	389	853
January,	372	889
February,	366	856
March,	310	891
April,	506	840
May,	688	833
June,	619	921
July,	683	964
August,	693	838
September,	686	864
Totals,	6,018	10,482

The above table represents the number of full days' work performed by the patients in the various departments of labor connected with the establishment. Besides this there is a great amount of labor performed by patients in and about the wards, dining-rooms, dormitories, and yards, which cannot be taken into account, because it is engaged in only at short intervals, and amounts simply to amusement and exercise. Many of the females perform some labor for their families at home, while residing in the hospital.

Products of the Farm.

Apples,	3 barrels, at \$3 00—	\$9 00
Pears,	2 bushels, at 2 00	4 00
Grapes,	1 bushel, at 2 00	2 00
Tomatoes,	300 bushels, at 50	150 00
Sweet Corn,	100 " at 1 00	100 00
Beans,	100 " at 2 00	200 00
Parsnips,	250 " at 50	125 00
Turnips,	600 " at 20	120 00
Potatoes,	1,365 " at 50	682 50
Beets,	700 " at 20	140 00

Carrots,	1,200 bushels, at \$0 20	\$240 00
Cabbages,	350 heads, at 6	21 00
Squashes,	7 tons, at 30 00	210 00
Peppers,	20 bushels, at 20	4 00
Cucumbers,	50 " at 50	25 00
Rhubarb,	2,500 pounds, at 2	50 00
Hay,	100 tons, at 15 00	1,500 00
Rowen,	5 " at 15 00	75 00
Corn Fodder,	40 " at 4 00	160 00
Milk,	40,000 quarts, at 4	1,600 00
Beef,	7,500 pounds, at 8	600 00
Pork,	8,500 " at 10	850 00
		<hr/> \$6,867 50

Much of the labor necessary in procuring the above results from the farm, has been performed by the male patients. We have, however, endeavored not to forget that the great object of the hospital is the comfort and restoration of the insane, and that all questions of economy or profit should be subservient to this grand aim and object.

The following table shows the exact amount of coal consumed during the year :

	Amount for each month.	Daily consumption.
	lbs.	lbs.
October, 1860,	69,000	2,225
November, "	112,000	3,733
December, "	143,300	4,622
January, 1861,	168,300	5,429
February, "	171,000	6,109
March, "	133,400	4,303
April, "	76,000	2,533
May, "	42,800	1,380
June, "	30,300	1,010
July, "	24,300	783
August, "	22,300	719
September, "	23,450	756
Total,	1,016,150	-

It will be seen by the above statement, that the means employed for warming and ventilating the various parts of the

institution continue to give satisfactory results in an economical point of view.

The various wards are always comfortably warmed during the cold weather, by a free circulation of fresh, warm air, and made cool and comfortable in the heat of summer by forcing into all parts of the house a constant supply of pure air from without.

It is proper to mention in this connection the various sources of amusement and recreation afforded to the inmates as a means of relief and restoration.

All the amusements and pastimes of former years have been kept up, and every healthy out-of-door exercise or harmless in-door game that could be thought of, has been put in requisition.

The exercise of the mental faculties of the patients has been stimulated to some degree, and much recreation has been afforded by a course of lectures, by a series of concerts, by tableaux vivante, and by magic lantern scenes. Daily walks and drives, social parties, and during the winter skating and coasting parties have, as usual, been carried on with great animation.

The chapel services are still performed by Rev. Samuel Souther, in a highly acceptable and satisfactory manner, and we have every reason to believe that the patients are comforted and improved by his ministrations.

The patients' library continues to increase, partly by donations from friends, partly by purchase. In behalf of the inmates I desire to express my sense of obligation to the many kind friends who have assisted us during the year in our lectures, concerts, and other entertainments designed to amuse and instruct those placed under our care.

I also desire to tender my grateful acknowledgments to those who have so generously made donations of books, maps and pictures, thus contributing largely to the welfare of the inmates.

I am under renewed obligations to the publishers of newspapers in various parts of the Commonwealth, for their daily and weekly issues, and to those in this city, also, for large and well-selected bundles of exchanges.

It is my duty to record my personal obligations to Doctors Rice and Prentiss for their devotion to the interests of the institution, and the cheerfulness with which they have performed all their duties.

In glancing back over the records of the year, we feel that all our efforts for the welfare and improvement of those placed under us have been most signally blessed.

The year has been one of health and prosperity. We have been visited by no calamity, and we are confident that much comfort and happiness has been secured to the unfortunate inmates of the institution.

MERRICK REMIS.

STATE LUNATIC HOSPITAL, WORCESTER, }
October 1, 1861. }

AN INVENTORY

*Of Amounts in value of the Stock and Supplies on hand at the State
Lunatic Hospital.*

Live stock on the farm,	\$3,575 00
Produce of the farm on hand,	2,550 00
Carriages and agricultural implements,	775 00
Machinery and mechanical fixtures,	5,500 00
Beds and bedding in the inmates' department,	4,000 00
Other furniture in the inmates' department,	3,500 00
Superintendent's department,	350 00
Housekeeping department,	1,000 00
Ready-made clothing,	150 00
Dry goods,	350 00
Provisions and groceries,	1,775 00
Drugs and medicines,	150 00
Fuel,	2,000 00
Library,	300 00

TERMS AND FORMS OF ADMISSION, &c.

ADMISSION OF PATIENTS.

Inquiries are often made by letter and otherwise in reference to the course to be pursued in order to obtain admission for the insane to the hospital, and what are the expenses of support, &c.

To entitle insane persons to the care of the hospital it is necessary that they be committed by order of the court of probate, or by any other court having jurisdiction in the town or county in which the insane person resides, or by two justices of the peace, one of which shall be a justice of the quorum.

Patients may also be committed by their friends if satisfactory bonds are given for their support while in the hospital.

Overseers of the poor may also commit the insane poor of the town in which they have jurisdiction, by giving bonds in behalf of the town for the support of the patient while in the hospital.

When it is desirable that an insane person should be committed by the court of probate, any one interested may make petition to the judge of probate for the removal of the lunatic to the hospital.

An acknowledgment of notice of the petition from one of the selectmen of the town in which the lunatic resides must also be presented with the petition.

FORM OF OVERSEERS' BOND.

State Lunatic Hospital at Worcester.

Whereas _____ of _____, in the county of _____, has been admitted a boarder in the State Lunatic Hospital at Worcester, we _____, a majority of the Overseers of the Poor of the town of _____, in the county of _____, in behalf of the inhabitants of said town, do hereby promise _____ Treasurer of said hospital, to pay him or his suc-

P E T I T I O N .

Commonwealth of Massachusetts.

To the Honorable _____, Judge of Probate and
 Insolvency, for the county of _____
 Respectfully represents _____, of
 in the county of _____, is a lunatic, and so furiously mad as
 to render it dangerous to the peace and safety of the community that
 he should be at large.

Wherefore, your petitioner prays, that the said
 _____, may be committed to the State Lunatic Hospital at
 Worcester.

Dated at _____, this _____ day of
 A. D. 18 ____ .

A C K N O W L E D G M E N T O F N O T I C E .

_____, A. D. 18 ____.—The subscriber, one of
 the Selectmen of the town of _____, aforesaid, hereby
 acknowledges due notice of the foregoing petition.

F O R M O F P R I V A T E B O N D .

State Lunatic Hospital at Worcester.

Whereas _____, of _____, in the county
 of _____, as Principal and _____,
 of _____, in the county of _____, as Surety,
 do hereby jointly and severally promise _____,
 Treasurer of said hospital, to pay him or his successor in said office, the
 sum of _____ dollars and _____ cents per week for the
 board of said _____, so long as he shall continue a
 boarder in said hospital, with such extra charges as may be occasioned,
 by _____ requiring more than ordinary care and attention; to provide
 for _____ suitable clothing, and to pay for all such necessary articles
 of clothing as shall be procured for _____ by the Steward of the
 hospital, and to remove _____ from said hospital whenever the room

occupied by shall be required for a class of patients having preference by law, or in the opinion of the Superintendent, to be received into said hospital. Also to pay, not exceeding fifty dollars, for all damages he may do to the furniture and other property of said hospital, and for reasonable charges in case of elopement, and funeral charges in case of death. Payment to be made quarterly and at the time of removal, with interest on each bill from and after the time it becomes due.

Witness our hands this day of , A. D. 18

Attest.

(Signed,)

, *Principal.*

, *Surety.*

METEOROLOGICAL OBSERVATIONS

MADE AT

THE STATE LUNATIC HOSPITAL, WORCESTER, MASS.,

1860-61.

Latitude, 42° 16' 17" N.; Longitude, 71° 48' 13" W.

Elevation, 536 feet.

EXPLANATION.—The force of the wind is estimated upon a scale of 10 and indicated by figures affixed to the letters denoting the direction. When no number is affixed, 1 is meant.

METEOROLOGICAL OBSERVATIONS—OCTOBER, 1860.

Days of the month.	Phases.	THERMOMETER.				BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
						Cor. and Red. to 32°.			10—covered.			Direction and Force.			Hour		Inches Water.	Inches Snow.	
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Began.	Ended.			
1		33	—	50½	—	29.896	—	29.554	2	10	N. E.	S. E.	S. E.	12½ m.	12 p. m.	.53	—	Heavy frost: thick fog	
2		55	65	59	60	29.484	29.444	29.485	9	4	S. W.	S. W. ²	S. W.	—	—	—	—	Hazy A. M. [A. M.	
3		47	61	48	52	29.670	29.647	29.689	1	9	N. E.	N. E.	N.	—	—	—	—	Hazy A. M.	
4		49	58	51	53	29.701	29.592	29.555	9	10	N. E.	E.	S. E.	3 p. m.	—	—	—	Interrupted, drizzly rain.	
5		51	59	53	54	29.460	29.348	29.327	10	3	S. E.	W.	S. W.	—	2 p. m.	.32	—		
6		40	45	41	42	29.386	29.369	29.418	1	0	N. W. ³	N. W. ⁵	N. W. ³	—	—	—	—		
7		39	59	50½	49	29.442	29.287	29.154	0	1	N. W. ²	W. ³	S. W.	—	—	—	—		
8		52	62	52	55	28.880	28.703	28.820	10	3	S. W.	N. W.	N. W.	10 a. m.	12 m.	—	—	Faint aurora P. M.; light	
9		40½	49	42	44	28.905	28.911	29.070	2	1	N. W.	W.	N. W.	—	—	—	—	rain.	
10		44	58½	51½	51	29.180	29.201	29.161	4	1	N. W. ²	W.	N. W.	—	—	—	—		
11		60	69	60	63	29.201	29.151	29.243	8	7	S. W. ³	S. W. ³	S. W. ⁴	—	—	—	—		
12		48	56	44	49	29.363	29.383	29.473	9	4	N. E.	S. W. ²	N. E.	—	—	—	—		
13		42	54	46	47	29.519	29.512	29.577	1	8	N. E. ²	N. E. ²	N. E. ³	—	—	—	—		
14		41	48½	36	42	29.701	29.654	29.484	9	9	N. E. ²	N. E. ²	N. E. ³	4½ p. m.	7½ a. m.	.75	—	White frost A. M.	
15		39	48	48	42	29.347	29.411	29.506	10	4	N. W. ³	N. W. ³	N. W.	—	—	—	—		
16		37½	53	45½	45	29.511	29.444	29.614	1	7	S. W.	S. W.	S. W.	—	—	—	—	Earthquake shocks,	
17		38	59	46	48	29.485	29.497	29.614	3	9	S. W.	S. W.	S. W.	—	—	—	—	Hazy A. M. [light.	
18		46	54½	43½	48	29.745	29.740	29.749	10	5	N. E.	N. E. ²	N. E.	—	—	—	—	Hazy all day.	
19		39	61	47	49	29.784	29.587	29.582	0	3	N. E. ²	N. E. ³	N. E.	—	—	—	—	Light rain early A. M.	
20		50	54	47	50	29.654	29.680	29.582	10	4	N. E.	N. E. ²	N. E.	— a. m.	—	—	—	Light rain A. M.; heavy	
21		—	49	48	—	—	29.460	29.443	10	10	N. E.	N. E.	N. E.	—	—	—	—	Misty rain. [shower M.	
22		48	50	51	50	29.461	29.435	29.466	10	10	N. E.	N. E.	N. E.	—	—	.55	—	Intermittent.	
23		49½	52	49	50	29.396	29.268	29.294	10	10	N. E.	N. E.	N. E.	—	—	—	—	Foggy A. M.	
24		45	61	50	52	29.207	29.212	29.360	8	4	S. W.	N. W. ²	N. W.	—	—	—	—	Hazy.	
25		48	63	49½	53	29.481	29.470	29.515	1	5	W.	W.	W.	—	—	.07	—	Showers with high winds.	
26		49	68½	47½	55	29.470	29.294	29.480	5	6	S. W.	S. W. ³	S. W. ²	2½ p. m.	5½ p. m.	—	—	White frost; hazy.	
27		41	58	41	47	29.595	29.655	29.770	0	0	N. W.	N. W.	N. W.	—	—	—	—		
28		39	50	44	44	29.927	29.952	29.951	10	10	N. E.	N. E. ²	S. E.	—	—	—	—	Hazy all day.	
29		47	63	57	56	29.875	29.775	29.786	10	9	N. E.	N. E.	S. W.	—	—	—	—	Thick fog; light showers.	
30		58	67	61	62	29.776	29.748	29.758	10	10	S. W.	S. W.	S. W.	—	—	—	—	Drizzly rain.	
31		57	69	58½	61	29.761	29.724	29.758	10	9	S. E.	S. E.	S. E.	4 a. m.	10 a. m.	.25	—		
Means,		46	58	48	51	29.509	29.452	29.484	6.2	3.3	5.1	Amount,	2.47	—					

METEOROLOGICAL OBSERVATIONS—NOVEMBER, 1860.

Moons Phases.	Days of the month.	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
		Mean.			Cor. and Red. to 32°.			10=covered.			Direction and Force.			Hour Began.	Hour Ended.	Inches Water.	Inches Snow.	
		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.					
1	52	71	-	-	29.800	29.745	29.822	8	-	-	S. E.	S. E.	E.	-	-	-	-	Foggy A. M. and P. M.
2	54½	62	57	58	29.861	29.822	29.822	9	10	10	N. E.	N. E.	E.	N. E.	-	-	-	Misty all A. M.
3	51½	53	56	53	29.691	29.542	29.223	10	10	10	N. E.	N. E.	E.	N. E.	a. m.	-	-	Misty rain; heavy P. M.
4	57	57	43	46	29.083	29.205	29.340	10	1	1	S. W.	N. W.	W.	N. W.	-	6½ a. m.	.85	Drizzle; aurora 9 P. M.
5	36	56	47	46	29.447	29.357	29.406	0	1	1	S. W.	S. W.	W.	S. W.	-	-	-	Hazy A. M.
6	49	52	39	47	29.284	29.159	29.279	8	9	3	S. W.	S. W.	W.	S. W.	6 a. m.	a. m.	-	Showery A. M.; hail-
7	37	46	41	41	29.346	29.355	29.448	1	9	3	W.	W.	W.	N. W.	-	-	-	White frost. [storm M.
8	38	49	40½	42	29.776	29.416	29.394	1	1	0	N. W.	N. W.	W.	N. W.	-	-	-	
9	37	52	43	44	29.450	29.371	29.344	2	1	9	N. W.	N. E.	E.	N. E.	a. m.	-	-	Variable rain.
10	43	45	40	43	29.143	28.858	28.771	10	10	10	N. E.	N. E.	E.	N. W.	-	3 p. m.	1.50	Rain continues.
11	44½	48	47	46	28.773	28.780	28.885	10	10	10	N. E.	N. W.	W.	N. W.	-	-	-	
12	48	51	48	46	28.920	28.912	29.047	9	9	10	N.	N. W.	W.	N. W.	-	-	-	
13	47	56	43	49	29.149	29.161	29.285	9	1	1	N. W.	N. W.	W.	N. W.	-	-	-	
14	40	55	-	-	29.396	29.378	-	1	0	-	N.	N. W.	W.	N. W.	-	-	-	Hazy; frost.
15	41	55	44	47	29.457	29.415	29.485	2	1	2	N. W.	N. W.	W.	N. W.	-	-	-	
16	36	48½	36	40	29.566	29.525	29.542	6	1	1	N. W.	N. W.	W.	N. W.	-	-	-	Hazy.
17	32½	46	43	40	29.453	29.321	29.111	10	7	10	N. W.	S. E.	E.	E.	-	-	-	Drizzle.
18	43	45½	43	44	29.012	28.855	28.945	10	10	10	N. E.	N. E.	E.	N. E.	11 a. m.	3 p. m.	-	Drizzle.
19	42	50	46½	46	28.870	28.855	28.892	10	10	10	S. W.	S. W.	W.	S. W.	7½ p. m.	p. m.	-	
20	41	44½	-	-	28.843	28.986	-	3	8	1	S. W.	N. W.	W.	N. W.	-	-	-	
21	30½	35½	30½	32	29.142	29.159	29.291	1	5	8	N. W.	N. W.	W.	N. W.	-	-	-	[P. M.
22	25½	38	-	40	29.502	29.536	-	0	0	-	N. W.	N. W.	W.	S. E.	-	-	-	Light rain A. M.; heavy
23	29	44	46	40	29.517	29.449	29.271	9	10	10	S. W.	S. W.	W.	S. W.	10 a. m.	-	-	Rain A. M.; light snow
24	56	40	21	39	28.715	28.765	29.133	10	3	0	S. W.	S. W.	W.	W.	-	9 a. m.	1.25	[P. M.
25	16	26	21	31	29.327	29.399	29.606	1	4	1	W.	W.	W.	W.	-	-	-	Lunar halo 7 P. M.
26	18½	31	30	26	29.858	29.863	29.867	1	8	9	S. W.	S. W.	W.	W.	-	-	-	Snow squalls; rain fol-
27	47	53	48	49	29.524	29.352	29.420	10	10	10	S. W.	S. W.	W.	S. W.	2 a. m.	5 p. m.	.78	[tows; lunar halo 9 P. M.
28	37	38	-	-	29.537	29.387	-	10	2	-	N.	N.	W.	N. W.	-	-	-	
29	24	39	30	31	29.377	29.238	29.183	2	8	0	N.	N.	W.	W.	-	-	-	
30	33	44	40	39	29.098	28.860	28.770	2	10	10	S. W.	S. W.	W.	S. W.	a. m.	-	-	
Means,	39	48	41	43	29.330	29.267	29.274	5.8	5.9	5.3	Amount,			4.38				

METEOROLOGICAL OBSERVATIONS—DECEMBER, 1860.

Moons Phases.	Days of the month.	THERMOMETER.				BAROMETER.				CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
						Cor. and Red. to 32°.				10=covered.			Direction and Force.			Hour		Inches		
		7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Began.	Ended.	Water.	Snow.		
☾	1	35	37	31	34	28.684	28.659	28.720	4	4	6	W.	N. W.	N. W.	-	a. m.	.65	-	-	
	2	26	31	28	28	28.750	28.744	28.946	10	2	2	N. W.	N. W.	N. W.	-	-	-	-	-	
	3	30	36	32	33	29.089	29.195	29.840	4	2	1	N. W.	N. W.	N. W.	-	-	-	-	-	
	4	33	31½	30	31	29.396	29.238	28.972	9	10	10	N. W.	N. E.	N. E. ³	12¼ m.	7½ a. m.	.43	7½	-	
	5	29	33	-	-	28.924	28.983	-	10	8	-	N. W.	N. W.	N. W.	-	-	-	-	-	
	6	25½	29	21	25	29.161	29.138	29.242	10	1	6	W.	W.	W.	-	-	-	-	-	
	7	24	32	26	27	29.277	29.274	29.439	10	1	1	S. W.	S. W.	S. W.	-	-	-	-	-	
	8	17	30	24	25	29.522	29.512	29.549	7	8	0	S. W.	N. E.	N. E.	-	-	-	-	-	
	9	21	31	24	25	29.605	29.606	29.620	1	1	0	N.	N. W.	N. W.	-	-	-	-	-	
	10	25	34	36	32	29.514	29.112	28.774	10	10	10	N. W.	N. E.	N. E.	11½ a. m.	a. m.	.66	1½	-	
●	11	33	31½	21	28	28.898	29.033	29.266	9	7	0	N. W.	N. W.	N. W.	-	-	-	-	-	
	12	15	28½	26	23	29.262	29.057	29.065	8	10	2	S. W.	S. W.	S. W.	-	-	-	-	-	
	13	29	28	17	25	29.023	29.067	29.285	4	4	1	S. W.	N. W.	N. W.	-	-	-	-	-	
	14	8	12½	6	9	29.511	29.680	29.858	0	0	0	N. W.	N. W.	N. W.	-	-	-	-	-	
	15	2½	14	6	7	29.902	29.884	29.818	2	9	1	N. W.	N. W.	N. W.	-	-	-	-	-	
	16	3	30	24	19	29.740	29.606	29.641	0	1	3	S. W.	N. W.	N. W.	-	-	-	-	-	
	17	17½	33	26	25	29.719	29.703	29.795	2	4	8	S. W.	N. W.	N. W.	-	-	-	-	-	
	18	17	21	14½	17	29.912	29.938	30.034	9	7	2	N.	N. E.	N. E.	10½ p. m.	-	-	-	-	
	19	10½	20	-	-	29.980	29.866	-	9	10	10	N. E.	N. E.	N. E.	-	-	-	-	-	
	20	31	37	37½	35	29.023	28.639	28.649	10	10	9	N. E. ²	N. E.	N. E.	-	5 p. m.	1.11	-	-	
☾	21	38	39	33½	37	28.938	29.115	29.159	1	3	9	N. W.	N. W.	N. W.	-	-	-	-	-	
	22	33½	34	35	34	29.070	28.878	29.110	10	10	10	N. E.	N. E.	N. E.	6 a. m.	9½ p. m.	1.53	7	-	
	23	20	23	-	-	29.350	29.336	-	0	2	-	N. W.	N. W.	N. W.	-	-	-	-	-	
	24	16	21	-	-	29.367	29.302	-	0	0	0	N. W.	N. W.	N. W.	-	-	-	-	-	
	25	20	-	27	31	29.358	-	29.232	1	0	-	N.	N.	N.	6½ p. m.	p. m.	-	-	-	
	26	28	34	31	31	29.457	29.492	29.576	10	7	9	N.	N.	N.	-	-	-	-	-	
	27	24½	32	27	28	29.679	29.710	29.803	7	10	10	N. W.	N. E.	N. E.	-	-	-	-	-	
	28	29	32	25	29	29.893	29.872	29.904	10	1	10	N. E.	N. E.	N. E.	-	-	-	-	-	
	29	26	30	27	28	29.958	29.952	29.944	10	10	10	N. E.	N. E.	N. E.	-	-	-	-	-	
	30	27	36½	35	36	29.907	29.839	29.753	10	10	10	N. E.	N. E.	N. E.	7½ p. m.	-	-	-	-	
31	36	30	18	25	29.630	29.652	29.780	10	9	0	N. W.	N. W.	N. W.	-	8 a. m.	.67	¾	-		
Means,	23	30	25	26	29.319	29.369	29.417	6.3	5.8	5.2	Amounts,					5.05	16½			

METEOROLOGICAL OBSERVATIONS—JANUARY, 1861.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
		Cor. and Red. to 32°.				Direction and Force.			10=covered.			Hour			Inches				
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Water.	Inches Snow.	
	1	20	31½	26	26	29.718	29.538	29.652	9	8	1	S. W.	S. W.	S. W.	-	-	-	-	
	2	27	40½	27	31	29.539	29.433	29.498	5	0	1	S. W.	S. W.	S. W.	-	-	.89	8	
	3	29	29½	23	24	29.377	29.203	29.153	10	10	10	N. E.	N. E.	N. E.	5 a. m.	9½ p. m.	.10	1	
	4	28	25½	17	23	29.235	29.328	29.541	10	9	1	N. W.	N. W.	N. W.	9½ a. m.	1½ p. m.	-	-	Hazy A. M.
	5	25	27	18	16	29.655	29.616	29.616	1	2	0	W.	W.	W.	-	-	-	-	
	6	25	34½	31	30	29.702	29.633	29.568	9	8	10	W.	W.	W.	-	-	-	-	
	7	37	44	34	38	29.367	29.187	29.180	10	10	10	S. E.	S. E.	S. E.	-	-	-	-	
	8	28	31	21	27	29.327	29.309	29.424	10	4	6	N. W.	N. W.	N. W.	-	-	-	-	
	9	17	26	18	20	29.462	29.404	29.286	7	10	10	N. W.	N. W.	N. W.	8½ p. m.	-	.15	1	Very light snow.
	10	18	29	26	28	29.056	28.903	28.971	10	10	10	N. E.	N. E.	N. E.	-	p. m.	.10	1½	Faint aurora 7½ P. M.
	11	5	10	10½	8	29.280	29.367	29.372	0	5	10	N. W.	N. W.	N. W.	7½ p. m.	3 p. m.	-	-	Rain and snow alternating, ended early A. M. 17th.
	12	4½	-	-3	-	29.290	-	29.676	10	0	0	N. E.	N. E.	N. W.	-	-	-	-	
	13	8	6	1	0	29.832	29.903	29.905	0	0	0	N. W.	N. W.	N. W.	-	-	-	-	
	14	3	25	25	18	29.898	29.887	29.730	9	10	10	N. W.	N. W.	N. W.	2½ p. m.	-	-	-	
	15	31	33	33	32	29.337	29.292	29.371	10	10	10	N. E.	N. E.	N. E.	-	-	-	-	
	16	29	34	27	30	29.377	29.055	28.993	10	10	10	N. E.	N. E.	N. E.	-	-	-	-	
	17	22	25	23	23	29.208	29.404	29.603	7	10	10	N. E.	N. E.	N. W.	-	a. m.	1.75	6	
	18	21	24½	20	22	29.672	29.564	29.403	10	10	10	N. E.	N. E.	N. E.	4½ p. m.	-	.35	2½	
	19	23	37	33	31	29.031	29.033	29.073	9	5	6	S. E.	W.	W.	-	-	-	-	
	20	29	31	20	27	29.093	29.102	29.149	5	8	0	S. W.	N. W.	N. W.	-	-	-	-	
	21	18	24	17	20	29.280	29.306	29.456	1	1	1	N. W.	N. W.	N. W.	-	-	-	-	
	22	15	24½	18	19	29.637	29.746	29.626	5	0	0	N. W.	N. W.	N. W.	-	-	-	-	
	23	11	-	17	-	29.997	-	30.057	0	9	9	N. W.	N. W.	N. W.	-	-	-	-	
	24	14	22	35	24	30.042	29.813	29.404	9	10	10	N. E.	N. E.	N. E.	12½ m.	-	.75	4	Snow followed in eve. by rain; lunar halo 7½ P. M.
	25	33	39½	31	34	29.276	29.318	29.453	10	8	8	S. W.	N. E.	N. E.	-	a. m.	.24	3	Very light
	26	22	30	24½	25	29.628	29.578	29.506	9	10	10	N. W.	N. E.	N. E.	6½ p. m.	9½ a. m.	-	½	snow storms.
	27	23	30	14	22	29.402	29.378	29.406	10	1	0	N. W.	N. W.	N. W.	-	12½ m.	-	4	Very light snow storms.
	28	9	29	20	19	29.367	29.306	29.408	9	10	0	N. W.	N. W.	N. W.	9½ a. m.	6 p. m.	-	-	Snow squalls 9½ A. M.
	29	15	32	33	27	29.427	29.248	29.101	5	10	1	S. W.	S. W.	S. W.	11 a. m.	-	-	-	Very blustering all day.
	30	28	25	22	25	28.991	29.006	29.158	9	4	0	N. W.	N. W.	N. W.	-	-	-	-	Faint aurora.
	31	15	26	20	20	29.292	29.305	29.332	0	1	1	W.	N. W.	N. W.	-	-	-	-	
	Means,	18	28	22	23	29.445	29.372	29.421	7.0	6.8	5.3	Amounts,	28½	4.33					

METEOROLOGICAL OBSERVATIONS—FEBRUARY, 1861.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER.		CLOUDS.		WIND.			RAIN AND SNOW.			REMARKS.			
						Cor. and Red. to 32°.		10=covered.		Direction and Force.									
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.		Hour Ended.	Inches Water.	Inches Snow.
☾	1	17	30	27	25	29.455	29.479	29.474	3	2	10	N. W.	W.	S. W.	8½ p. m.	-	-	-	Light snow followed by drizzly rain.
	2	45	48	46	46	29.150	28.994	29.086	10	10	10	S. W.	S. W.	S. W.	-	-	.40	-	
	3	36½	34	24	31	29.396	29.572	29.778	10	6	8	N. E.	N. E.	N. E.	-	-	-	-	
	4	19	24	21	21	29.769	29.648	29.648	10	2	2	N. E.	N. E.	N. E.	-	-	-	-	
	5	16½	36½	30	28	29.650	29.556	29.448	2	10	10	S. W.	S. W.	S. W.	-	-	-	-	
	6	30	39	34	34	29.222	29.069	29.037	9	1	0	S. W.	S. W.	S. W.	10½ a. m.	1½ p. m.	.10	-	Snow squall 5 P. M.
	7	36	38½	-	-	28.876	28.479	-	10	10	3	S. W.	S. W.	S. W.	-	-	-	-	Snow and rain; very [gusty.
	8	-18½	-8	-2	-9	29.663	29.825	29.896	0	2	8	W.	W.	N. W.	-	-	-	-	
	9	2	15	18	12	29.979	30.028	29.993	1	9	2	N. W.	W.	W.	-	-	-	-	
	10	31	45	43	40	29.889	29.768	29.803	10	3	3	S. W.	S. W.	S. W.	-	-	-	-	
	11	41	54	45½	47	29.774	29.676	29.601	9	9	9	S. W.	S. W.	S. W.	-	-	-	-	
	12	50	49	45	48	29.258	29.017	29.116	10	0	0	S.	S. W.	W.	-	-	-	-	
	13	39	43	35	39	29.169	29.361	29.546	0	2	0	S. W.	N. W.	N. W.	-	-	-	-	
	14	36	39	54	43	29.670	29.732	29.287	2	9	7	W.	N. W.	N. W.	6 a. m.	-	-	-	Snow followed by rain.
	15	33	35	31	33	29.421	29.156	28.949	10	10	10	N. E.	N. E.	N. E.	-	-	1.10	-	Light rain A. M.
	16	34	-	-	-	29.164	-	-	2	-	-	W.	-	-	-	-	-	-	
	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	19	-	34	28	-	-	29.344	29.255	-	5	9	-	-	N. W.	-	-	-	-	
	20	31	36	33	32	29.185	28.904	28.913	10	10	9	S.	S.	N. W.	6 a. m.	p. m.	-	-	Snow followed by rain. Snow squalls.
	21	29	32	24	28	28.940	28.960	28.984	0	5	0	S. W.	W. ⁴	N. W. ⁵	-	-	-	-	
	22	18	24	20	21	29.346	29.363	29.470	2	0	5	N. W. ²	N. W. ²	N. W.	-	-	-	-	
	23	23	30	27	27	29.389	29.265	29.155	10	10	10	E.	N. E.	N. E.	-	-	-	-	Snow with rain.
	24	37	32	25	31	28.953	29.071	29.443	10	6	0	N. W. ²	S. W. ²	N. W. ²	-	-	-	-	Lunar halo.
	25	13	31	31	25	29.769	29.669	29.668	2	0	10	S. W.	S. W.	W.	-	-	-	-	
	26	33	47	40	40	29.427	29.489	29.591	10	3	10	W. ²	W.	W.	-	-	-	-	Aurora; blue birds seen.
	27	29	51	42	41	29.745	29.614	29.596	2	3	2	W.	W.	W.	-	-	-	-	
	28	41	50	45	45	29.540	29.530	29.542	5	2	0	W.	W.	W.	-	-	-	-	
Means,	28	39	31	32	32	29.532	29.343	29.426	4.9	6.1	5.5	Amounts,	-	-	Amounts,	-	1.60	½	

METEOROLOGICAL OBSERVATIONS—MARCH, 1861.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
						Cor. and Red. to 32°.			10=covered.			Direction and Force.			Hour Began.	Hour Ended.	Inches Water.	Inches Snow.	
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.					
☾	1	52	51	35	49	29.063	29.188	29.351	5	2	0	W.	S. W.	S. W.	—	—	—	—	Puss Willow blos.
	2	36	49	45	43	29.314	29.263	29.214	10	10	10	W.	W.	W. ²	—	—	—	—	Light rain 8½ P. M.
	3	43	71	58	57	29.053	28.911	28.811	10	5	10	W.	W. ³	W.	—	—	—	—	
	4	45	48	38	44	28.977	29.056	29.215	10	3	0	W.	W.	N. W.	—	—	—	—	
	5	31	40	34	35	29.367	29.315	29.218	2	3	0	W.	W.	N. W.	—	—	—	—	Snow squalls.
	6	20	30	—	—	29.268	29.189	—	3	10	—	W.	N. W. ²	N. W.	—	—	—	—	
	7	7	12	12	10	29.423	29.562	29.777	—	—	—	N. W. ²	N. W. ²	N. W.	—	—	—	—	
	8	8	32	—	—	29.926	29.789	—	0	10	—	N. W. ²	W. ³	S. E. ⁵	11½ a. m.	11 p. m.	—	—	Rain 3 P. M.; snow squalls.
	9	46	48	36	43	29.373	29.009	28.658	10	10	10	S. W. ³	W.	W.	—	—	—	—	
	10	33	42	35	37	29.225	29.304	29.354	0	10	5	S. W.	W.	W.	—	—	—	—	Snow squalls A. M.
11	23	31	25	26	29.505	29.517	29.562	0	0	0	N. W.	W.	W.	—	—	—	—		
☽	12	29	40	35	35	29.277	29.347	29.450	10	5	8	S. W.	W.	W.	—	—	—	—	Snow squalls A. M.
	13	28	36	34	43	29.444	29.269	29.462	10	10	10	E.	S. E.	E.	a. m.	a. m.	—	1	
	14	23	26	24	24	29.641	29.698	29.497	10	10	10	N. E.	N. E.	N. E. ²	9 p. m.	7 a. m.	—	4	
	15	27	34	31	31	29.358	29.332	29.150	10	9	10	N. E.	N. E.	N. E. ²	10 p. m.	12 m.	.05	6	
	16	28	39	35	34	28.839	28.792	29.013	10	5	0	N. E. ⁴	W.	W. ³	—	—	1.10	—	
	17	38	30	27	32	29.145	29.235	29.504	—	0	0	W.	W. ²	W.	—	—	—	—	
	18	5	12	14	10	29.722	29.689	29.737	0	8	10	N.	N. E.	N. E.	—	—	—	—	Snow, ended late P. M.
	19	12	16	16	15	29.651	29.513	29.608	10	10	10	N. E. ²	N. E.	N. E.	7 a. m.	p. m.	.21	3	
	20	14	29	19	21	29.592	29.603	29.548	1	2	0	N.	N. E.	N. W.	—	—	—	—	Snow storm, interrupted ending in misty rain.
	21	23	33	30	29	29.465	29.173	28.937	10	10	10	N. E.	N. E.	N. E. ⁴	a. m.	1 p. m.	—	11	
☼	22	26	34	33	31	29.067	29.138	29.239	10	10	1	N. E. ³	N. ²	N. W. ²	—	—	1.03	—	Snow squalls M. & P. M.
	23	31	43	36	37	29.450	29.432	29.341	0	1	9	N. W.	S. E.	S.	—	—	—	—	
	24	40	40	30	37	29.123	29.173	29.403	8	10	9	S.	N. W.	N. W. ²	—	—	—	—	
	25	25	38	—	—	29.688	29.670	—	1	9	9	W.	W. ²	S. W.	—	—	—	—	{ Drizzling rain, by turns heavy and accom. with thunder and lightning; Robins appear.
	26	37	51	46	45	29.547	29.406	29.376	9	9	10	S. W.	W.	S. W.	—	—	—	—	
	27	47	50	58	52	29.270	29.144	29.094	10	10	10	S. W.	S. W.	S. W.	a. m.	p. m.	.46	—	
	28	37	42½	35	38	29.374	29.503	29.624	5	5	0	N. W.	N. W. ³	S. W.	—	—	—	—	
	29	32	49	39	40	29.724	29.621	29.498	8	0	3	N. W.	S.	S. W.	—	—	—	—	
	30	49	58	40	49	29.222	29.071	29.460	9	9	9	S. W. ²	S. W.	N. W. ²	—	—	—	—	Showery 11 A. M. to 12 [M.
	31	32	42	36	37	29.704	29.688	29.884	2	9	0	N.	N.	N.	—	—	—	—	
Means,		30	38	33	34	29.371	29.374	29.357	6.3	6.8	5.8			Amounts,		2.85	15		

METEOROLOGICAL OBSERVATIONS—APRIL, 1861.

Days of the month.	Moon's Phases.	THERMOMETER.				BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.		
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Direction and Force.	Hour Began.	Hour Ended.	Inches Water.		Inches Snow.	
1	☾	28	33	30	30	29.931	29.912	29.777	1	10	10	10	10	N. E.	N. E.	N. E. ²	12 m.	—	—	—	Interrupted snow storm.
2		32	33	28	31	29.586	29.541	29.594	10	10	10	10	10	N. E. ²	N. E. ²	N. E. ³	—	—	—	—	
3		28	32	—	—	29.655	29.798	—	10	10	—	—	—	N. E.	N. E.	—	—	3 p. m.	—	—	
4		28	43	38	36	29.734	29.644	29.578	1	0	0	—	—	N. W.	N. W.	N. W.	—	—	—	—	
5		36	47	42	42	29.534	29.524	29.634	0	0	3	—	—	N. E.	N. E.	N. E.	—	—	—	—	
6		—	45	38	—	—	29.722	29.727	—	1	1	1	—	—	N. E.	N. E.	N. E.	—	—	—	
7		36	46	37	40	29.710	29.557	29.654	2	2	0	—	—	N. E.	N. E.	N. E.	—	—	—	—	
8		30	45	38	38	29.699	29.645	29.586	2	2	0	—	—	N. E.	N. E.	N. E.	—	—	—	—	
9		31½	51	38	40	29.578	29.526	29.513	0	0	1	—	—	N. W.	N. W.	N. W.	—	—	—	—	
10		37	62	43	47	29.497	29.489	29.458	0	0	1	—	—	N. E.	N. E.	N. E.	—	—	—	—	[& Daphne mezereum bloss.
11	●	46	63½	41	50	29.444	29.465	29.596	0	0	0	—	—	N. E.	N. E.	N. E.	—	—	—	—	Trailing arbutus, Claytonia
12		36½	60	48	45	29.306	29.661	29.613	9	8	9	—	—	N. E.	N. E.	N. E.	—	—	—	—	Crocus blossom.
13		53	57½	55	55	29.465	29.263	29.084	10	10	10	—	—	N. E.	N. E.	N. E.	a. m.	—	—	—	Rain interrupted and shower; frogs heard.
14		52	57½	51	53	28.950	29.098	29.225	8	5	1	—	—	N. E.	N. E.	N. E.	—	—	—	—	
15		41½	51	45	46	29.307	29.346	29.396	2	7	7	—	—	N. W. ²	N. W. ²	N. W. ²	—	a. m.	—	—	Snow followed by rain; Snow squalls P. M.
16		—	36	36	38	—	29.254	28.995	10	10	10	—	—	N. E.	N. E.	N. E.	—	—	—	—	
17		36	44	33	—	28.538	28.533	28.770	10	9	10	—	—	N. E.	N. E.	N. E.	—	—	—	—	
18		35	46	—	—	28.999	29.006	—	7	9	—	—	—	N. W.	N. W.	N. W.	—	—	—	—	
19		40	46	39	42	28.975	29.022	29.165	7	9	—	—	—	N. E.	N. E.	N. E.	—	—	—	—	
20		35½	47	42	41	29.301	29.289	29.366	1	3	0	—	—	N. W.	N. W.	N. W.	—	—	—	—	
21		40	57	48	48	29.392	29.343	29.453	8	4	0	—	—	N. E.	N. E.	N. E.	—	—	—	—	
22		45	61	49	52	29.589	29.357	29.362	10	2	4	—	—	N. E.	N. E.	N. E.	8½ p. m.	p. m.	—	—	Light rain during A. M. Thick fog A. M.; heavy th'r st Foggy A. M.; light sh'r 5 P. M.; Dandelion blos. [cowslips bl.
23		42½	79	54	58	29.336	29.236	29.321	—	4	10	4	—	N. E.	N. E.	N. E.	—	—	—	—	
24	☺	44	47	42	44	29.340	29.265	29.233	10	10	10	—	—	N. E.	N. E.	N. E.	—	—	—	—	
25		42	60	50	51	29.221	29.230	29.360	10	7	0	—	—	N. E.	N. E.	N. E.	—	—	—	—	
26		44	58	51½	51	29.426	29.408	29.552	1	1	1	8	—	N. W.	N. W.	N. W.	—	—	—	—	
27		—	63	49	—	—	29.240	29.230	—	1	1	1	—	N. E.	N. E.	N. E.	—	—	—	—	
28		44	51	43	46	29.176	29.066	28.962	10	10	10	—	—	N. E.	N. E.	N. E.	2½ p. m.	12 p. m.	—	.29	Foggy A. M.; hazy M. Anemone bloss.; inter-
29		47	62	54	54	29.052	29.101	29.262	10	2	1	—	—	N. W. ²	N. W. ²	N. W. ²	—	—	—	—	[rupted rain.
30		46	68	49	54	29.281	29.105	29.022	1	8	5	—	—	N. E.	N. E.	N. E.	6¼ p. m.	7 p. m.	—	.04	Light shower.
Means,		39	51	43	44	29.389	29.355	29.373	4.9	5.3	4.4	—	—	N. E.	N. E.	N. E.	Amounts,	—	—	5.71	13

METEOROLOGICAL OBSERVATIONS—MAY, 1861.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER.				CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	to 32°.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Water.	Inches Snow.	
☾	1	47	48	40	45	29.069	29.059	29.251	7	10	9	9	N.	N.	N. W. ³	1 p. m.	5 p. m.	-	-	Showery; water froze at Daffodil blos. [night. Frost A. M.
	2	-	42	38	38	-	29.380	29.464	-	1	1	1	N. W. ²	N. W. ³	N. W.	-	-	-	-	
	3	36	47	39	41	29.515	29.400	29.472	1	9	1	1	N. W.	N. W. ²	S. W.	-	-	-	-	
	4	37	52	41½	43	29.417	29.342	29.341	0	4	0	0	N. E.	S. E.	N. E.	-	-	-	-	
	5	-	60	49	-	-	29.352	29.361	-	0	1	-	-	S.	S.	-	-	-	-	
	6	44	48	53½	42	29.338	29.303	29.016	6	10	10	10	S. W. ³	S. E.	S. E.	8½ a. m.	-	-	-	Rain inter.; high winds. Light sh.'s P. M.; double rainb. L't sh. M. & P. M.; Orioles seen. Bl. Violet & Housatonia blos.
	7	35	66	56	52	28.719	28.702	28.908	2	2	2	2	S. W.	S. W. ²	S. W. ²	-	4 a. m.	2.23	-	
	8	54	60	53	56	28.967	28.958	29.073	5	7	4	3	S. W.	N. W.	N. W.	-	-	-	-	
	9	-	58	53	-	-	29.198	29.318	-	9	3	10	N. W.	-	S. W.	-	-	-	-	
	10	47	-	53½	-	29.364	-	29.241	5	10	10	10	S.	S. E.	S. W.	9 a. m.	1½ p. m.	.10	-	Variable r'n; l't sh. M. & P. M. Crowb. Buttercup, W. C. & S. T. T'k fog A. M.; sh. P. M. [blos. Tulip & Miss. Currant blos. [blos.
	11	50½	55	50½	51	29.134	29.171	29.271	10	9	1	1	N. E.	N. E.	N. E.	1 p. m.	-	.52	-	
	12	-	56	55	54	29.467	29.460	29.420	10	10	10	10	N. E.	-	N. E.	-	-	-	-	
	13	50	59	53	-	29.233	-	29.225	10	-	9	0	-	-	N. E.	-	-	-	-	
	14	51	-	52	-	-	29.275	29.266	-	1	0	0	N. W.	N. W.	N. W.	-	-	-	-	
	15	-	64½	56	-	29.161	29.153	29.242	7	3	0	0	-	N. W. ²	N. W.	-	-	-	-	
	16	51½	61	52	55	29.213	29.215	29.350	1	7	4	4	N. W.	N. W. ³	N. W.	-	-	-	-	
☾	17	47½	56½	48	51	29.426	29.413	29.495	1	10	1	1	N. W.	N. W. ²	N. W.	5¾ p. m.	-	-	-	Light shower 5¾ P. M. W. Violet & Whortleberry Plum blos. [blos.
	18	48½	50	46	50	29.361	29.455	29.437	3	1	9	5	N. W.	N. W.	N. W.	-	-	-	-	
	19	47	59	55	50	29.337	29.260	29.280	10	10	5	0	N. ²	N. E.	N. E.	-	-	-	-	
	20	53	61	50	55	29.273	29.275	29.421	1	7	0	0	N. W.	N. E.	N. W.	-	-	-	-	
	21	50	64	49	54	29.486	29.525	29.622	0	4	0	0	N. W.	N. E.	S. E.	-	-	-	-	
	22	52	64	55	57	29.676	29.643	29.560	6	1	1	1	S. W.	S. W.	S. W.	-	-	-	-	
	23	55	68	54	59	29.719	29.574	29.560	6	1	1	1	S. W.	S. W.	S. W.	8¼ a. m.	11 a. m.	.15	-	Apple blos. Thunder showers. Lilac blos.
☼	24	51	69	53	58	29.259	29.101	29.070	9	8	1	1	-	-	S. W.	-	-	-	-	Sh's followed by high winds. H. Chest. Cal. & W. Lilac blos.
	25	51	57	61	56	-	28.990	29.020	-	6	1	1	S. E.	S. W. ²	N. W.	2 a. m.	5½ p. m.	.50	-	Light variable rain. Mountain Ash blos.
	26	-	73	62	62	28.751	28.509	28.534	10	1	0	0	N. W. ⁵	N. W. ⁴	N. W.	5½ a. m.	2 p. m.	-	-	
	27	60	73	53	62	28.834	29.104	29.322	9	3	1	1	S. W. ²	-	N. W.	-	-	-	-	
	28	46	58	50	51	29.358	-	29.475	10	0	0	0	-	-	N. W.	-	-	-	-	
	29	47	-	50	-	-	29.582	29.633	-	0	0	0	-	-	N. W.	-	-	-	-	
	30	-	66	59	-	29.714	29.667	29.667	0	1	0	0	-	-	S. W.	-	-	-	-	
☾	31	60	75	63	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Means,	48	59	51	52	29.291	29.271	29.318	5.3	5.2	3.0	-	Amount,			3.50				

METEOROLOGICAL OBSERVATIONS—JUNE, 1861.

Moon's Phases.	Days of the month.	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	10=covered.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Water.	Inches Snow.	
	1	—	78½	66	—	29.540	29.558	29.558	1	S. W.	S. W.	S. W.	—	—	—	—	Hazy A. M. Rain followed by mist. Geranium Maculatum bl.
	2	62	74	54	63	29.552	29.572	29.634	6	S. E.	S. E.	S. E.	—	—	—	—	
	3	54	64	66½	61	29.420	29.200	29.102	10	N. E.	S. W. ²	S. W.	a. m.	12 m.	.44	—	
	4	64	69	59	64	29.230	29.301	29.421	10	N.	N.	N. E.	—	—	—	—	
	5	54	67	52	58	29.640	29.633	29.679	8	N. E.	E.	E.	—	—	—	—	
	6	49	53	52	51	29.660	29.623	29.667	10	N. E.	E.	N. E.	7½ a. m.	6 p. m.	1.65	—	Snow ball blossom. [bl. Misty A. M.; Fleur de Lis Showery; P. Lilac, Mt. P'k & Paeony blos. [R. Rose blos.
	7	53	63	59	58	29.470	29.430	29.404	10	N. E.	N. E.	N. E.	—	—	—	—	Misty A. M., hazy noon.
	8	63	69	59	64	29.357	29.378	29.464	9	N. E.	N. E.	S. E.	—	—	—	—	Th. storm; aurora 9 P. M. Light shower 1½ P. M.
	9	61½	72½	60	65	29.457	29.421	29.418	2	S. E.	S. W.	—	—	—	—	—	
	10	60	79	—	—	29.352	29.299	29.177	0	S. W.	—	S. W.	—	—	—	—	
	11	59	—	64	—	29.270	—	29.155	5	S. W.	W. ³	N. W.	a. m.	a. m.	.21	—	
	12	67	77	69	71	29.100	29.051	29.155	9	N. W.	N.	N.	—	—	—	—	
	13	63	68	61	64	29.256	29.328	29.433	8	S. W.	S. E. ²	S. W.	—	—	—	—	
	14	55	69	61	62	29.557	29.464	29.423	1	S. W. ²	S. W. ²	S. W.	—	—	—	—	
	15	62½	80½	73	75	29.279	29.120	29.069	10	S. W.	N. W. ²	N. E.	—	—	—	—	Brief thunder showers, [with high winds.
	16	72½	74	68	70	28.992	28.992	29.191	0	N. E.	N. W. ²	N. E.	—	—	—	—	
	17	59	68	58	62	29.319	29.334	29.408	7	S.	S. E.	S. E.	—	—	—	—	[Rose & Cin. Rose blos. Shower early A. M., light; M. Solar halo 11 A. M.; shower [and drizzle P. M.
	18	55	68	56	60	29.425	29.372	29.401	1	S. W.	S. W. ²	S. W.	—	—	—	—	
	19	58	75	65	66	29.381	29.321	29.288	2	S. W.	S. W. ²	S. W.	—	—	—	—	
	20	65	74	63	67	29.214	29.224	29.308	8	N. W.	N. W. ²	S. W.	—	—	—	—	
	21	58	71	63	64	29.364	29.231	29.177	6	N. W.	N. W. ²	N. W.	—	—	—	—	
	22	65	74½	69	69	29.320	29.134	29.174	6	N. W.	N. W. ²	N. W.	—	—	—	—	
	23	67	76	65	69	29.162	29.062	29.094	1	N. W.	N. W.	N. W.	3¼ p. m.	5 p. m.	.16	—	Shower; Mock Orange [blos.
	24	55	69	62	62	29.237	29.260	29.266	1	N. W.	N. W. ²	N. W.	—	—	—	—	
	25	59	—	67	—	29.487	—	29.441	0	S. E.	S. W. ⁴	S. W.	—	—	—	—	
	26	66	77	69	71	29.389	29.330	29.298	1	S. W.	S. W.	S. W. ³	—	—	—	—	
	27	61½	77	67	70	29.368	29.345	29.408	0	N. W.	N. W.	S. W.	—	—	—	—	
	28	63	74	67	69	29.411	29.300	29.298	1	N.	S. W.	S. W.	—	—	—	—	
	29	63	74	66	68	29.363	29.345	29.380	5	N. W.	S. W.	S. W.	—	—	—	—	Locust blos.
	30	60	72	64	65	29.384	29.301	29.266	5	S. W.	S. W.	S. W.	—	—	—	—	
Means,		60	72	63	65	29.393	29.350	29.348	4.6	Amount,			2.46			—	

METEOROLOGICAL OBSERVATIONS—JULY, 1861.

Phases. Days of the month.		THERMOMETER.				BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.				REMARKS.
						Cor. and Red. to 32°.			10=cov'ed.			Direction and Force.			RAIN AND SNOW.				
															Hour Began.	Hour Ended.	Inches Water.	Inches Snow.	
7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Water.	Inches Snow.			
1	75½	67	62	—	29.261	29.251	10	8	10	—	S. W. ²	S. W. ²	12 p. m.	—	—	—	Comet visible N. W.		
2	69	58	62	29.087	29.074	29.220	10	8	9	N. E.	S. W. ²	S. W. ²	—	11 a. m.	.74	—			
3	57	72	—	29.270	29.374	—	7	4	—	S. W.	N. W. ²	S. —	—	—	—	—			
4	68	83	71	29.546	29.533	29.558	—	0	1	—	S. W.	S. W. ²	—	—	—	—			
5	66	82	70	73	29.551	29.497	29.498	1	4	—	S. W.	S. W.	—	—	—	—	Thunder shower.		
6	64	80½	70½	72	29.503	29.457	29.450	0	1	4	S. W.	S. W. ²	—	—	—	—			
7	70	82	74	69	29.453	29.397	29.390	6	2	3	S. W.	S. W.	—	—	—	—			
8	74	91	78	84	29.355	29.303	29.232	4	3	3	S. W.	S. W.	—	—	—	—			
9	76	89	73	79	29.151	29.064	29.071	5	2	4	S. W. ³	S. W.	5 p. m.	6¼ p. m.	1.23	—	Fog early A. M. Catalpa blossom.		
10	72	84	76	77	29.104	29.081	29.123	8	3	2	S. W.	S. W.	—	—	—	—			
11	70½	79	71	73	29.156	29.103	29.119	10	9	1	S. E.	S. —	—	—	—	—			
12	64	—	66	—	29.242	—	29.378	0	1	1	W.	W. ²	—	—	—	—			
13	60	73	67	67	29.480	29.495	29.528	1	5	5	N. E.	S. E.	8¼ a. m.	p. m.	.54	—	Shower early A. M. Shower; rainbow. Thunder and showers.		
14	61	62	60	61	29.534	29.514	29.426	10	10	10	N. E.	S. E.	—	—	—	—			
15	60½	66	63	63	29.352	29.311	29.321	9	9	1	N. W.	S. W.	—	—	—	—			
16	63	75	68½	69	29.382	29.325	29.338	8	4	6	S. W.	S. W. ³	—	—	—	—			
17	64	76½	66	69	29.344	29.345	29.415	9	4	0	E.	W. ²	S. W.	a. m.	a. m.	.28	Dwarf Horse-Chestnut Foggy A. M. Foggy A. M. Foggy A. M. Very light rain. Heavy showers; thunder. [P. M.] Short smart shower 9¼		
18	64	80	70	71	29.449	29.408	29.423	7	8	3	N. W.	S. W. ²	—	—	—	—			
19	67	78	68	71	29.311	29.115	29.291	7	5	10	S. W.	S. W. ³	5¼ p. m.	6 p. m.	.02	—			
20	66	—	68	—	29.109	—	29.074	10	1	1	S. W.	N. W.	a. m.	a. m.	1.24	—			
21	—	73	67	—	—	29.237	29.288	—	5	1	1	N. W. ²	—	—	—	—	Dwarf Horse-Chestnut Foggy A. M. Foggy A. M. Foggy A. M. Very light rain. Heavy showers; thunder. [P. M.] Short smart shower 9¼		
22	63	73	66	67	29.324	29.296	29.305	—	4	9	N. W.	S. W.	—	—	—	—			
23	60	70	63	64	29.306	29.308	29.401	9	9	9	N. W.	N. W.	—	—	—	—			
24	62	—	61	—	29.469	—	29.504	9	3	3	N.	S. E.	—	—	—	—			
25	58	72½	64	65	29.557	29.523	29.546	1	1	1	S. E.	S. E.	—	—	—	—	Dwarf Horse-Chestnut Foggy A. M. Foggy A. M. Foggy A. M. Very light rain. Heavy showers; thunder. [P. M.] Short smart shower 9¼		
26	61	74½	—	—	29.582	29.528	—	1	1	—	S. E.	S. E.	—	—	—	—			
27	57½	75	64	65	29.515	29.458	29.471	1	4	1	N. E.	S. E.	—	—	—	—			
28	76½	76½	70	69	29.474	29.423	29.435	10	5	10	S. E.	S. W. ²	6 a. m.	7½ a. m.	—	—			
29	71	74	72	72	29.403	29.345	29.464	10	9	10	S. E.	S. W. ²	5¼ a. m.	12 m.	1.24	—	Dwarf Horse-Chestnut Foggy A. M. Foggy A. M. Foggy A. M. Very light rain. Heavy showers; thunder. [P. M.] Short smart shower 9¼		
30	70	80	72	74	29.391	29.372	29.403	1	2	1	S. E. ²	S. E.	—	—	—	—			
31	68	83	75	75	29.398	29.322	29.285	8	5	10	S. W.	S. W. ²	—	—	—	—			
Means,	65	77	67	70	29.372	29.338	29.352	5.6	4.9	4.4	Amount,			5.29				—	

METEOROLOGICAL OBSERVATIONS—SEPTEMBER, 1861.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER.		CLOUDS.		WIND.			RAIN AND SNOW.				REMARKS.			
						Cor. and Red. to 32°.		10=covered.		Direction and Force.										
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour Began		Hour Ended.	Inches Water.	Inches Snow
	1	51	70	61	61	29.665	29.598	29.626	8	5	2	N. W. ²	S. W.	S. W.	-	8 p. m.	-	-	-	Light rain.
	2	63	70	70	68	29.512	29.386	29.262	10	10	10	S. W. ²	S. W.	S. W.	-	-	-	-	-	
	3	66	72	-	-	29.481	29.445	-	4	3	-	S. W. ²	N. ²	-	-	-	-	-	-	
	4	53	60	59	57	29.530	29.504	29.451	3	8	2	N. W.	S. W.	W.	-	-	-	-	-	
	5	57	72	62	64	29.460	29.343	29.342	10	10	0	S. W.	S. W.	S. W.	-	-	-	-	-	
	6	60	72	-	-	29.373	29.373	-	2	3	0	N.	N.	-	-	-	-	-	-	
	7	54	63	58	60	29.712	29.673	29.703	4	8	2	N. W.	N. W.	N. W.	-	-	-	-	-	
	8	53½	59	59	-	29.621	-	29.708	1	-	8	N. W.	N. W.	N. W.	-	-	-	-	-	
	9	49½	65	57	57	29.746	29.691	29.681	7	9	1	N. W.	N. W.	N. W.	-	-	-	-	-	
	10	49½	56	56	56	29.581	29.302	29.113	10	10	10	S. E.	S. E.	S. E.	-	-	-	-	-	
	11	56	68	57	61	29.113	29.192	29.337	1	1	1	N. W.	N. W.	N. W.	-	a. m.	-	2.17	-	
	12	57½	68	57	61	29.445	29.469	29.556	3	4	0	N. W.	N. W.	N. W.	-	-	-	-	-	
	13	54½	72	61	62	29.726	29.618	29.576	7	8	9	N. W.	N. W.	S. W.	-	-	-	-	-	
	14	58	74	64	65	29.436	29.358	29.403	5	5	2	N. W.	N. W. ²	N. W.	-	-	-	-	-	
	15	65	80	70	72	29.514	29.511	29.521	0	8	5	N.	N. E.	N. E.	-	-	-	-	-	Brilliant aurora 7½ P. M.
	16	57	69	58	61	29.514	29.511	29.521	0	8	5	N.	N. E.	N. E.	-	-	-	-	-	Light rain 3½ P. M.
	17	60	65	59	61	29.452	29.384	29.394	10	10	10	S. E.	S. E.	S. W.	-	-	-	-	-	
	18	67	65	58½	63	29.407	29.389	29.434	10	9	0	E.	E.	E.	-	-	-	-	-	
	19	54	72	64	63	29.442	29.354	29.351	0	1	3	S. W. ²	S. W.	S. W.	-	-	-	-	-	
	20	64	77½	66	69	29.376	29.360	29.346	7	5	6	W.	S. E.	S. E.	-	-	-	-	-	
	21	65	76	68	70	29.261	29.151	29.131	10	2	2	S.	S. W. ²	S. W.	-	-	-	-	-	
	22	57	56	53	55	29.164	29.175	29.263	10	10	10	N. E.	N. W.	S. W.	-	a. m.	-	.79	-	Irregular rain.
	23	48	-	55	55	29.270	-	29.340	0	-	0	N. W.	N. W.	N. W.	-	-	-	-	-	
	24	53	66	52	57	29.360	29.487	29.554	0	1	0	N. W.	N. W.	N. W.	-	-	-	-	-	Light fog A. M.
	25	45	-	56½	-	29.605	-	29.532	1	-	0	N. W.	N. W.	N. E.	-	-	-	-	-	
	26	52	68	58	59	29.517	29.426	29.409	0	2	0	S. W.	S. W.	S.	-	-	-	-	-	
	27	58	69	68	65	29.352	29.209	29.046	10	10	10	S. ²	S. E.	S. ³	-	-	-	-	-	
	28	68	66	54	63	29.950	29.144	29.359	10	4	0	N. W.	N. W. ²	N. W.	-	a. m.	-	.15	-	Showery, with high winds through the night
	29	49½	59	52	53	29.610	29.684	29.834	0	3	0	N. W.	N. W. ²	N. W.	-	-	-	-	-	
	30	47	60½	54	54	29.937	29.871	29.871	9	9	9	N. W.	S. E.	S. E.	-	-	-	-	-	
	Means,	57	68	60	62	29.455	29.424	29.450	5.3	6.1	3.8				Amount,	3.11				

WEATHER AND WIND, 1860-61.

WEATHER AND WIND.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	Total.
Number of days clear, .	1	1	2	1	-	2	-	1	1	-	-	1	10
Number of days cloudy, .	30	29	29	30	28	29	30	30	29	31	31	29	355
Number of days rainy, .	13	11	14	18	10	15	12	12	9	10	11	8	143
Number of days N. wind, .	-	1	-	-	-	1	-	-	-	-	-	-	2
Number of days N. W. wind, .	4	5	7	7	1	2	4	6	3	-	4	6	49
Number of days W. wind, .	1	2	1	2	3	5	1	-	-	1	-	-	16
Number of days S. W. wind, .	3	3	2	2	5	2	-	3	5	7	4	1	37
Number of days S. wind, .	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of days S. E. wind, .	1	1	-	-	-	-	-	-	-	1	-	2	5
Number of days E. wind, .	-	-	-	-	-	-	-	-	-	-	-	1	1
Number of days N. E. wind, .	7	4	5	5	2	3	5	-	1	-	2	-	34

REMARKS.

By clear days is meant days entirely clear; *i. e.*, no cloud whatever being visible.

By rainy days, that more or less rain (or snow) fell, without any reference to quantity.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1860-61.

AVERAGE FOR	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	Septem'r.	Year.
Thermometer, <div> <div> <div>7 A. M.</div> <div>2 P. M.</div> <div>9 P. M.</div> </div> <div>daily,</div> </div>	46	39	23	18	28	30	39	48	60	65	62	57	43
	58	48	30	28	39	38	51	59	72	77	72	68	53
	48	41	25	22	31	33	43	51	63	67	61	60	45
	51	43	26	23	32	34	44	52	65	70	65	62	47
Barometer, <div> <div> <div>7 A. M.</div> <div>2 P. M.</div> <div>9 P. M.</div> </div> <div>daily,</div> </div>	29.509	29.330	29.319	29.445	29.532	29.371	29.389	29.291	29.393	29.372	29.478	29.455	29.407
	29.452	29.207	29.369	29.372	29.343	29.374	29.355	29.271	29.350	29.338	29.421	29.424	29.359
	29.484	29.274	29.417	29.421	29.426	29.357	29.373	29.318	29.348	29.352	29.442	29.450	29.389
	29.482	29.290	29.368	29.413	29.434	29.367	29.372	29.293	29.364	29.357	29.447	29.443	29.385
Cloudiness, <div> <div> <div>7 A. M.</div> <div>2 P. M.</div> <div>9 P. M.</div> </div> <div>daily,</div> </div>	6.2	5.8	6.3	7.0	4.9	6.3	4.9	5.3	4.6	5.6	4.8	5.3	5.5
	3.3	5.9	5.8	6.8	6.1	6.8	5.3	5.2	5.8	4.9	5.6	6.1	5.6
	5.1	5.3	5.2	5.3	5.5	5.8	4.4	3.0	4.8	4.4	4.8	3.8	4.8
	4.9	5.7	5.8	6.4	5.5	6.3	4.9	4.5	5.1	4.9	5.1	5.0	5.3
Inches Rain and Snow Water,	2.47	4.38	5.05	4.33	1.60	2.85	5.71	3.50	2.46	5.29	3.99	3.11	44.74
" Snow,	-	-	16.75	28.25	.5	15.	13.	-	-	-	-	-	73.50

Amount of Rain and Snow registered at the State Lunatic Hospital, Worcester, Mass., for Twenty Years.

YEAR.	DECEMBER.		JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		TOTAL.	
	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.
1841-2.	4.77	6.	1.35	5.	4.13	3.	2.24	4.	2.82	-	3.24	-	4.93	-	1.96	-	7.12	-	3.50	-	.83	-	3.36	-	40.25	18.
1842-3.	5.30	26.	5.05	2.	4.45	30.	5.25	26.	3.13	10.	1.73	-	4.15	-	3.39	-	9.19	-	1.25	-	5.19	-	3.63	-	51.69	94.
1843-4.	2.28	23.	3.14	13.5	3.80	18.5	3.80	18.5	.35	-	3.67	-	1.92	-	3.50	-	3.39	-	3.68	-	7.34	-	3.06	5.	37.57	72.
1844-5.	2.05	8.	4.17	12.	2.61	20.	3.29	10.	1.61	-	3.23	-	3.14	-	2.91	-	2.36	-	2.57	-	4.44	-	6.77	4.	39.66	54.
1845-6.	5.39	13.	2.92	13.	2.50	30.	3.33	-	1.34	-	5.85	-	2.37	-	3.81	-	2.44	-	.90	-	2.19	-	4.08	5.	37.12	61.
1846-7.	2.87	9.	4.66	5.	4.08	17.	3.89	8.	1.67	-	1.63	-	5.29	-	4.86	-	4.20	-	7.17	-	2.87	-	3.75	-	46.94	39.
1847-8.	4.93	10.5	3.08	4.5	1.61	25.	3.89	6.	1.52	5.	6.82	-	1.31	-	3.13	-	3.19	-	2.36	-	5.75	-	1.94	8.	39.53	59.
1848-9.	3.93	25.	.98	2.	1.30	14.5	6.30	3.	1.95	-	3.56	-	1.25	-	1.60	-	4.28	-	2.49	-	6.45	-	4.11	-	38.20	44.5
1849-50.	3.12	8.5	4.79	15.	3.23	2.	3.67	20.	5.53	13.	7.50	-	3.25	-	3.75	-	6.05	-	7.92	-	3.37	-	2.14	.5	54.42	59.
1850-1.	4.19	23.5	2.07	2.5	4.01	1.5	1.40	18.	6.76	-	4.73	-	3.16	-	2.17	-	1.97	-	2.50	-	7.04	4.	5.68	5.5	45.68	55.
1851-2.	2.30	5.5	5.44	15.5	2.46	11.5	3.42	13.5	10.77	23.	3.50	-	3.53	-	3.42	-	11.38	-	3.36	-	3.89	-	5.88	4.	59.	73.
1852-3.	4.78	4.	3.02	10.	8.09	11.	3.60	8.	4.92	-	4.45	-	1.01	-	3.29	-	10.71	-	5.26	-	6.20	-	5.30	-	59.65	33.
1853-4.	3.79	20.5	2.82	7.5	6.62	15.5	3.45	-	6.69	-	6.78	-	3.05	-	5.68	-	.35	-	5.53	-	5.03	-	9.82	2.5	59.51	46.
1854-5.	3.43	15.5	8.11	9.	4.48	8.	.23	4.	5.39	-	1.64	-	4.19	-	9.40	-	4.06	-	.20	-	8.17	-	5.85	2.	55.05	38.5
1855-6.	6.90	10.5	4.60	27.5	1.35	9.	1.69	10.2	3.34	-	6.55	-	1.44	-	2.68	-	13.14	-	3.39	-	2.65	-	2.03	2.5	49.76	69.7
1856-7.	4.08	3.	4.48	29.	2.24	6.5	2.80	11.75	8.87	-	4.56	-	3.44	-	3.80	-	5.75	-	4.92	-	3.93	-	3.12	-	51.89	50.25
1857-8.	5.33	9.	2.13	8.5	1.10	4.5	2.29	-	3.37	-	4.13	-	5.16	-	4.18	-	4.00	-	5.70	-	3.09	-	1.69	4.62	42.07	26.62
1858-9.	4.09	6.25	4.95	23.	3.67	18.75	7.71	4.75	2.90	1.	3.65	-	5.17	-	1.26	-	5.45	-	4.00	-	2.46	-	3.	-	48.31	53.78
1859-60.	4.55	19.	1.34	14.75	2.77	20.	2.26	6.75	1.36	-	2.66	-	6.65	-	7.91	-	5.76	-	6.02	-	2.47	-	4.38	-	48.13	60.50
1860-1.	5.05	16.75	4.33	28.25	1.60	.5	2.85	15.	5.71	13.	3.50	-	2.45	-	5.29	-	3.99	-	3.11	-	-	-	-	-	37.89	73.50
Sums,	85.14	262.50	72.43	247.05	63.74	259.8	67.34	184.82	81.10	65.	84.01	-	67.97	-	77.99	-	108.78	-	75.83	-	83.56	4.	79.59	43.63	924.32	1080.35
Means,	4.25	13.12	3.62	12.35	3.18	12.99	3.36	9.24	4.05	3.25	4.20	-	3.39	-	3.89	-	5.43	-	3.79	-	4.17	2.	3.98	2.18	46.21	54.01

Flowering Season on Hospital Hill for Twenty-Three Years.

TREES, SHRUBS, ETC.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.
Almond, Flowering, . . .	May 12	May 13	May 25	-	May 25	May 4	May 10	May 6	May 25	May 12	May 23	May 23
Apple, . . .	- 10	- 11	Apr. 17	May 9	May 14	Apr. 2	May 8	Apr. 4	-	Apr. 6	May 18	Apr. 10
Arbutus, Trailing, . . .	-	- 30	May 28	May 27	- 25	-	-	May 2	-	-	June 3	June 6
Ash, Mountain, . . .	Apr. 18	Apr. 19	June 4	Apr. 23	May 3	-	Apr. 25	May 12	1	-	-	3
Bloodroot, . . .	-	Apr. 23	May 8	Apr. 23	May 29	-	May 20	May 15	28	-	May 6	May 5
Calicanthus, . . .	- 28	Apr. 25	May 15	May 24	May 9	May 21	Apr. 28	Apr. 27	10	May 13	May 19	May 10
Cherry, . . .	May 6	May 2	May 21	May 5	Apr. 15	May 27	May 5	May 9	Apr. 24	May 10	Apr. 20	Apr. 6
" Wild, . . .	Apr. 8	Apr. 1	- 16	Apr. 7	May 8	-	Apr. 12	May 28	May 10	Apr. 15	-	May 15
Crocus, . . .	-	Apr. 1	1	May 1	May 9	-	May 23	May 19	Apr. 20	May 3	May 2	Apr. 6
Dandelion, . . .	- 23	May 23	-	Apr. 16	-	May 8	March 28	May 3	May 2	-	-	-
Daphne Mezereum, . . .	-	- 20	- 8	May 1	-	17	Apr. 29	May 16	May 25	May 19	May 24	May 30
Fever Bush, . . .	May 21	May 18	May 28	May 14	May 28	-	May 15	May 13	May 27	May 16	May 19	May 22
Geranium Maculatum, . . .	May 13	May 16	May 27	-	May 21	-	May 15	-	-	June 12	June 18	May 13
Honeysuckle Tart., . . .	-	20	-	-	Apr. 29	-	May 1	Apr. 22	-	Apr. 14	Apr. 7	May 28
Horse-Chestnut, . . .	-	-	-	-	May 24	May 4	May 15	May 17	May 25	May 21	May 24	June 7
Hyacinth, . . .	Apr. 16	Apr. 16	Apr. 24	Apr. 12	May 25	16	Apr. 21	Apr. 13	Apr. 25	May 17	June 3	June 26
Leatherwood, . . .	May 16	May 16	May 27	-	May 20	-	May 22	May 15	May 25	Apr. 24	Apr. 30	Apr. 23
Lilac, . . .	May 18	-	May 30	-	Apr. 20	-	May 22	Apr. 10	-	Apr. 16	May 11	May 27
" Persian, . . .	Apr. 9	Apr. 10	Apr. 23	May 3	Apr. 30	Apr. 12	Apr. 21	Apr. 15	Apr. 21	Apr. 17	May 5	May 27
Liverwort, . . .	-	-	Apr. 25	May 3	Apr. 28	-	Apr. 21	Apr. 10	Apr. 21	May 17	May 7	May 26
Maple, Red, . . .	-	May 19	May 27	Apr. 22	May 12	-	May 1	-	May 11	Apr. 26	June 3	June 8
Narcissus, . . .	May 5	May 1	May 19	Apr. 22	May 14	24	May 3	May 23	June 5	May 23	June 6	May 14
Peach, . . .	-	-	-	-	-	May 15	22	May 17	June 5	May 27	June 14	May 7
Pyrus Japonica, . . .	June 2	June 3	-	-	-	Apr. 30	4	Apr. 27	May 9	Apr. 25	May 2	-
Rose, Russian, . . .	May 27	May 26	-	-	-	May 15	20	May 17	June 5	May 23	June 6	May 14
" Scotch, . . .	May 2	Apr. 27	-	-	13	-	-	Apr. 27	May 9	Apr. 25	May 7	May 8
Shad Bush, . . .	-	-	-	-	1	Apr. 18	-	-	May 9	-	-	-
Violet, Blue, . . .	-	-	-	-	-	Apr. 18	-	-	May 9	-	-	-
Wind Flower, . . .	Apr. 20	- 24	7	23	-	-	-	-	9	-	-	-

Flowering Season, &c.—Concluded.

TREES, SHRUBS, ETC.	1851.	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.
Almond, Flowering, . .	May 15	May 18	May 15	May 20	May 19	May 22	May 25	May 17	May 8	May 10	May 10
Apple,	May 14	May 17	May 10	May 14	May 15	May 17	May 22	May 15	May 10	May 11	May 11
Arbutus, Trailing, . .	April 10	April 13	April 9	April 18	April 15	April 23	April 23	Feb. 13	April 10	April 4	April 11
Ash, Mountain, . . .	June 1	June 5	May 22	May 30	June 12	May 31	May 2	June 6	May 26	June 1	May 30
Bloodroot,	April 23	May 3	April 26	June 12	May 12	-	May 13	April 26	May 4	May 3	-
Calicanthus,	May 23	May 25	June 4	June 6	June 4	-	June 5	May 1	May 25	May 19	May 28
Cherry, Wild,	April 29	9	April 30	May 8	May 7	20	May 9	May 1	4	4	-
" "	-	10	27	16	14	13	May 13	May 10	-	-	-
Crocus,	4	9	7	10	April 12	April 6	March 23	April 1	-	April 14	April 12
Currant, Missouri, . .	25	May 12	23	May 7	May 11	May 14	May 2	May 7	5	May 3	May 14
Dandelion,	22	3	22	10	April 17	May 2	April 16	April 6	March 31	April 23	April 25
Daphne Mezereum, . .	March 30	14	8	April 20	24	April 16	March 31	April 3	April 13	April 6	April 11
Fever Bush,	-	May 11	30	May 8	30	May 3	-	-	-	-	-
Geranium Maculatum, .	May 18	28	May 22	30	May 23	June 1	May 29	May 25	May 24	May 23	June 4
Honeysuckle, Tart., .	-	24	13	30	23	May 25	May 27	May 28	22	18	May 28
Horse-Chestnut, . . .	19	28	17	2	20	May 24	26	-	22	April 22	-
Hyacinth,	April 12	4	April 25	June 6	16	April 17	-	-	-	-	-
Honeysuckle,	-	12	29	6	10	-	-	-	-	-	-
Leatherwood,	May 18	27	May 17	22	20	May 24	26	16	17	May 18	26
" Persian,	25	24	19	26	17	31	26	-	26	20	June 8
Liverwort,	April 22	23	April 23	April 30	2	-	April 19	-	24	April 8	June
Maple, Red,	May 3	28	11	May 28	April 30	2	May 22	-	-	-	-
Narcissus,	May 19	29	May 26	May 9	May 8	18	May 14	April 28	-	May 5	-
Peach,	5	11	April 30	June 9	May 30	13	June 12	May 1	7	May 31	May 16
Pyrus Japonica, . . .	April 30	9	June 2	June 6	June 4	June 3	June 27	April 30	31	June 8	June 12
Rose, Russian,	May 24	20	6	10	6	10	May 22	May 5	6	7	May 9
" Scotch,	June 6	28	4	May 30	May 26	May 16	May 5	May 29	-	April 28	May 12
Shad Bush,	May 6	6	April 24	April 12	10	April 15	May 5	April 29	4	-	April 28
Violet, Blue,	-	1	23	April 30	3	May 5	12	April	4	-	April
Wind Flower,	April 24	1	23	April 30	3	May 5	12	April	4	-	April

APR 25 '39 W.P.A.

